

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
 Data File : VW026415.D
 Acq On : 29 Jun 2023 00:00
 Operator : SY/MD
 Sample : 03458-19
 Misc : 4.76g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46N2

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
 Title : SFAM01.0

Signal : TIC: VW026415.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.143	38	42	47	rBV2	14878	25672	0.67%	0.112%
2	2.356	71	77	85	rVB	86874	178861	4.65%	0.777%
3	2.490	98	99	104	rVB2	4934	6164	0.16%	0.027%
4	2.624	118	121	129	rVB10	9916	19301	0.50%	0.084%
5	2.722	135	137	138	rBV2	3397	2803	0.07%	0.012%
6	2.819	150	153	155	rVB2	4848	4806	0.13%	0.021%
7	2.899	159	166	177	rVB	70677	190015	4.94%	0.825%
8	3.015	183	185	187	rVB3	3160	2444	0.06%	0.011%
9	3.258	222	225	227	rBV4	2282	2738	0.07%	0.012%
10	3.313	232	234	238	rVB5	2750	3159	0.08%	0.014%
11	3.386	242	246	247	rVV4	3058	4547	0.12%	0.020%
12	3.399	247	248	255	rVV7	4167	5672	0.15%	0.025%
13	3.691	292	296	298	rVV5	1919	2422	0.06%	0.011%
14	3.892	326	329	334	rVB7	2245	3517	0.09%	0.015%
15	4.020	339	350	359	rBV	162703	434058	11.29%	1.885%
16	4.124	359	367	377	rVV	65847	183698	4.78%	0.798%
17	4.216	379	382	385	rVV5	3554	4257	0.11%	0.018%
18	4.246	385	387	390	rVB4	2904	2593	0.07%	0.011%
19	4.380	398	409	416	rBV	8162	19632	0.51%	0.085%
20	4.917	488	497	509	rBV3	13893	47029	1.22%	0.204%
21	5.417	571	579	581	rBV4	6060	12746	0.33%	0.055%
22	5.752	630	634	635	rBV4	2063	2428	0.06%	0.011%
23	5.782	635	639	641	rBV4	3622	4810	0.13%	0.021%
24	5.916	658	661	662	rVV3	2425	2750	0.07%	0.012%
25	5.947	662	666	668	rVV5	5595	8557	0.22%	0.037%
26	5.971	668	670	671	rVV2	3100	2406	0.06%	0.010%
27	5.996	671	674	676	rVV4	2193	2478	0.06%	0.011%
28	6.112	686	693	695	rBV8	1511	3259	0.08%	0.014%
29	6.843	809	813	814	rBV4	1810	2269	0.06%	0.010%
30	7.081	843	852	861	rBV	43028	131979	3.43%	0.573%
31	7.172	861	867	878	rVB	26776	75748	1.97%	0.329%
32	7.648	936	945	956	rVV	213063	523330	13.62%	2.273%
33	7.953	993	995	999	rVB5	2066	3129	0.08%	0.014%
34	8.020	1002	1006	1010	rBV7	2691	5207	0.14%	0.023%
35	8.276	1039	1048	1063	rBV2	425030	1259839	32.78%	5.472%
36	8.501	1076	1085	1092	rBV4	7778	24266	0.63%	0.105%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
 Data File : VW026415.D
 Acq On : 29 Jun 2023 00:00
 Operator : SY/MD
 Sample : 03458-19
 Misc : 4.76g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46N2

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
 Title : SFAM01.0

37	8.575	1092	1097	1100	rVB7	1402	2333	0.06%	0.010%
38	8.629	1104	1106	1109	rVB4	2135	2265	0.06%	0.010%
39	8.684	1109	1115	1116	rBV6	2666	3931	0.10%	0.017%
40	8.843	1130	1141	1152	rBV	486347	971274	25.27%	4.219%
41	9.056	1173	1176	1178	rBV4	2558	3893	0.10%	0.017%
42	9.276	1202	1212	1226	rBV	290197	619313	16.11%	2.690%
43	9.379	1228	1229	1234	rVB5	2608	2435	0.06%	0.011%
44	9.666	1272	1276	1280	rVV7	1644	3186	0.08%	0.014%
45	9.757	1284	1291	1296	rBV10	6448	13893	0.36%	0.060%
46	9.897	1307	1314	1316	rBV6	5369	10280	0.27%	0.045%
47	10.038	1329	1337	1346	rBV	106445	198869	5.17%	0.864%
48	10.251	1368	1372	1376	rVB3	6840	9369	0.24%	0.041%
49	10.324	1376	1384	1391	rBV	480596	864306	22.49%	3.754%
50	10.580	1419	1426	1435	rBV	67029	122557	3.19%	0.532%
51	10.666	1437	1440	1443	rBV4	3363	4461	0.12%	0.019%
52	10.708	1443	1447	1450	rBV6	2836	4218	0.11%	0.018%
53	10.763	1452	1456	1460	rBV7	3986	6548	0.17%	0.028%
54	10.836	1462	1468	1474	rVB5	5840	15330	0.40%	0.067%
55	10.928	1476	1483	1493	rBV	124167	240189	6.25%	1.043%
56	11.031	1496	1500	1504	rBV4	7858	15206	0.40%	0.066%
57	11.105	1510	1512	1517	rBV6	4284	5475	0.14%	0.024%
58	11.226	1528	1532	1537	rBV4	11686	24359	0.63%	0.106%
59	11.281	1538	1541	1543	rBV4	7263	9241	0.24%	0.040%
60	11.336	1546	1550	1553	rBV5	11519	20911	0.54%	0.091%
61	11.629	1591	1598	1606	rBV	476181	831779	21.64%	3.613%
62	11.769	1617	1621	1624	rVB5	6837	9425	0.25%	0.041%
63	11.818	1625	1629	1632	rBV4	9954	13063	0.34%	0.057%
64	11.873	1634	1638	1642	rBV2	21158	39528	1.03%	0.172%
65	11.976	1651	1655	1656	rBV4	8626	12191	0.32%	0.053%
66	12.001	1657	1659	1665	rVB5	8444	11599	0.30%	0.050%
67	12.062	1665	1669	1673	rVB3	20189	30504	0.79%	0.132%
68	12.135	1673	1681	1687	rBV4	65773	164680	4.29%	0.715%
69	12.251	1695	1700	1704	rVB	89625	139891	3.64%	0.608%
70	12.360	1704	1718	1724	rBV5	111232	357139	9.29%	1.551%
71	12.604	1748	1758	1759	rBV4	55667	140264	3.65%	0.609%
72	12.690	1766	1772	1779	rBV	271831	596843	15.53%	2.592%
73	12.775	1783	1786	1793	rVB3	116050	204102	5.31%	0.887%
74	12.860	1794	1800	1802	rBV5	94254	191316	4.98%	0.831%
75	12.946	1804	1814	1815	rBV5	387173	933686	24.29%	4.056%
76	13.287	1863	1870	1875	rBV3	159885	318699	8.29%	1.384%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
 Data File : VW026415.D
 Acq On : 29 Jun 2023 00:00
 Operator : SY/MD
 Sample : 03458-19
 Misc : 4.76g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46N2

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
 Title : SFAM01.0

77	13.342	1875	1879	1882	rVV	99014	132453	3.45%	0.575%
78	13.409	1886	1890	1892	rBV2	91137	141158	3.67%	0.613%
79	13.440	1893	1895	1899	rVV4	116111	154128	4.01%	0.669%
80	13.476	1899	1901	1908	rVB7	87698	142490	3.71%	0.619%
81	13.555	1909	1914	1918	rBV	291484	470742	12.25%	2.045%
82	13.696	1931	1937	1941	rBV5	116173	228562	5.95%	0.993%
83	13.872	1957	1966	1970	rBV2	378992	1078362	28.06%	4.684%
84	13.915	1971	1973	1978	rVV5	152727	222937	5.80%	0.968%
85	13.976	1979	1983	1987	rVV2	186258	280667	7.30%	1.219%
86	14.189	2014	2018	2022	rBV	132673	213086	5.54%	0.926%
87	14.256	2025	2029	2035	rVV3	259099	450783	11.73%	1.958%
88	14.311	2035	2038	2043	rVB3	122890	165759	4.31%	0.720%
89	14.378	2043	2049	2054	rBV2	558705	1028815	26.77%	4.469%
90	14.543	2073	2076	2081	rVB3	281707	390136	10.15%	1.695%
91	14.653	2091	2094	2098	rVB	170720	206111	5.36%	0.895%
92	14.732	2104	2107	2112	rBV3	185407	347717	9.05%	1.510%
93	14.793	2113	2117	2119	rVV	404138	650237	16.92%	2.824%
94	14.848	2120	2126	2135	rVB	1432521	3843147	100.00%	16.693%
95	14.921	2136	2138	2141	rBV2	108959	147694	3.84%	0.642%
96	15.116	2167	2170	2174	rVB2	123866	154220	4.01%	0.670%
97	15.323	2200	2204	2210	rVB4	411765	794670	20.68%	3.452%
98	15.390	2210	2215	2220	rBV4	322848	728185	18.95%	3.163%
99	15.567	2240	2244	2249	rBV4	216673	444148	11.56%	1.929%
100	15.622	2250	2253	2257	rBV5	147301	228938	5.96%	0.994%

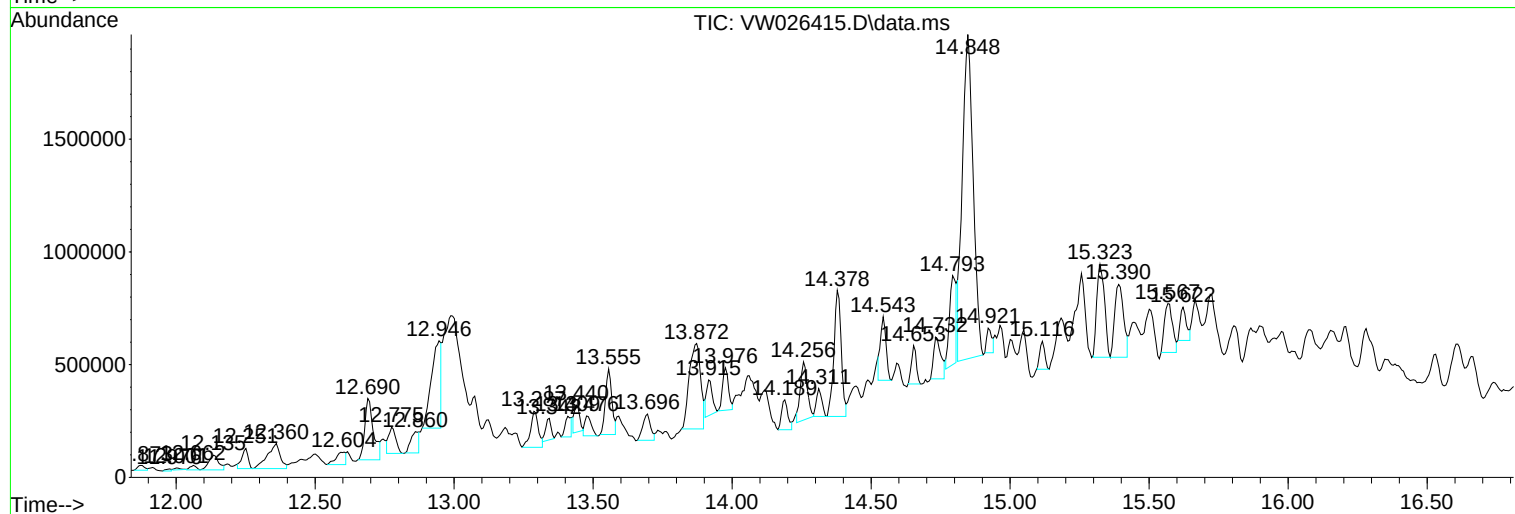
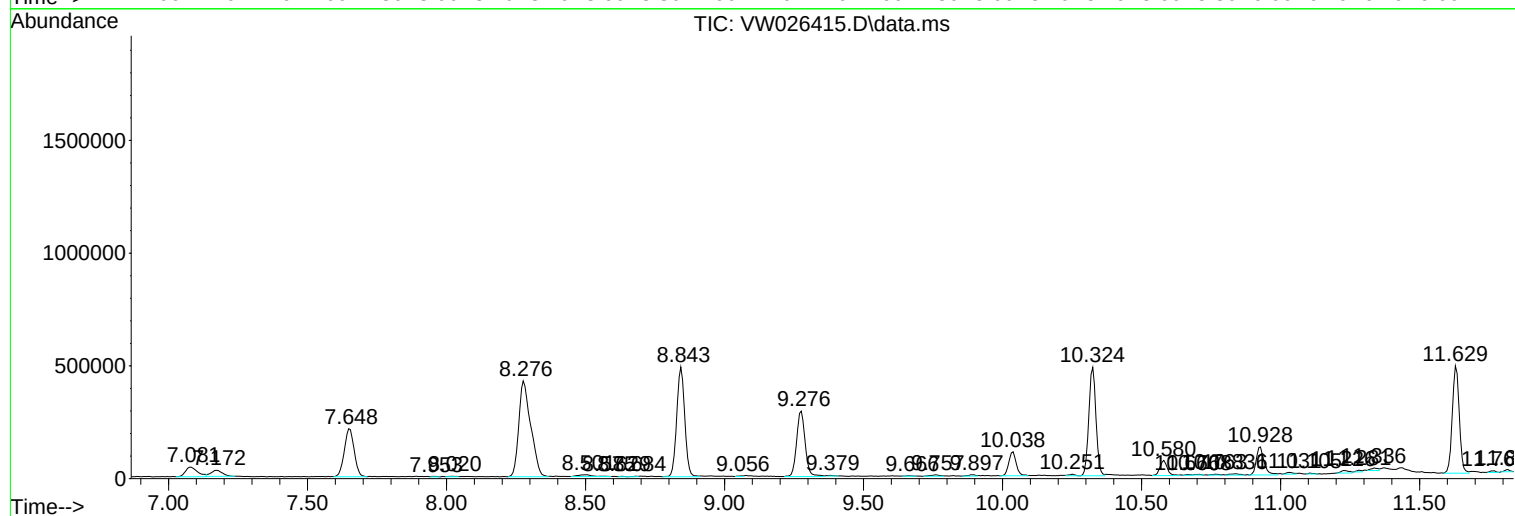
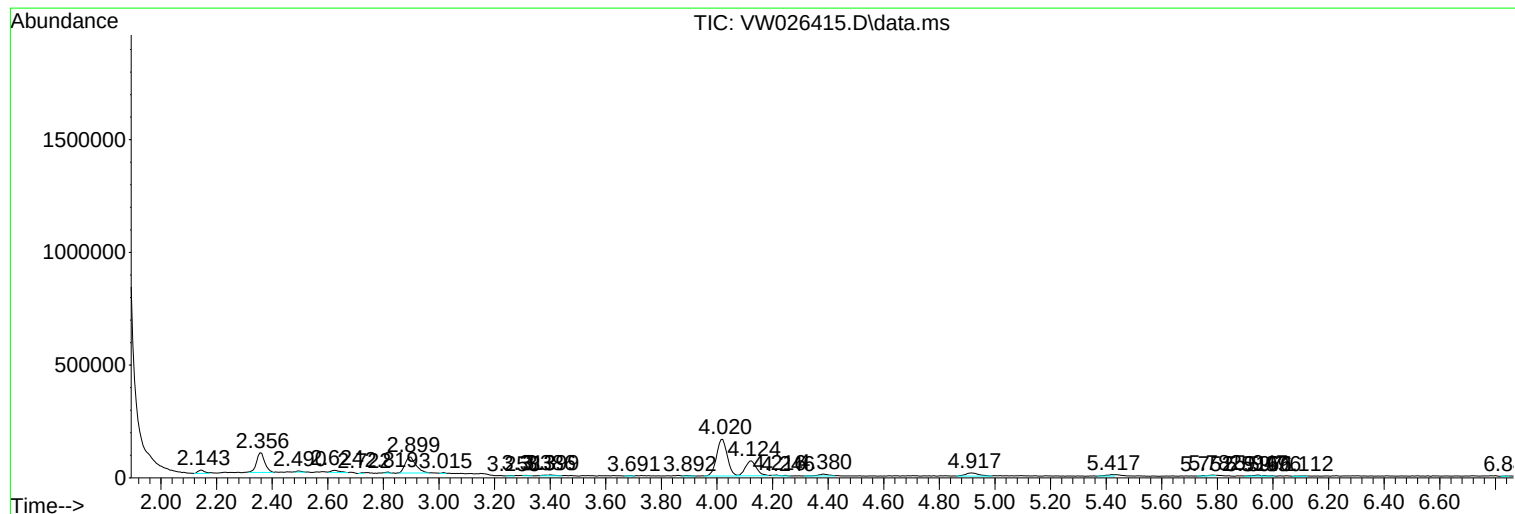
Sum of corrected areas: 23022285

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026415.D
Acq On : 29 Jun 2023 00:00
Operator : SY/MD
Sample : 03458-19
Misc : 4.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026415.D
Acq On : 29 Jun 2023 00:00
Operator : SY/MD
Sample : 03458-19
Misc : 4.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N2

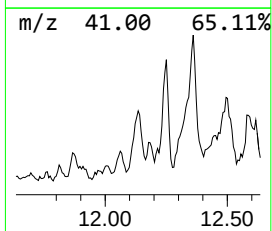
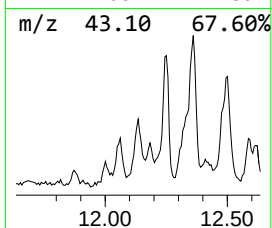
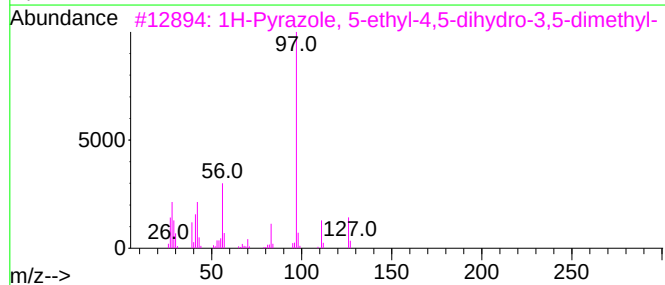
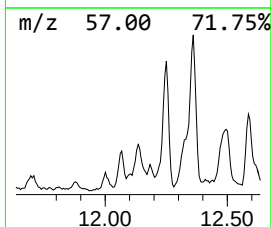
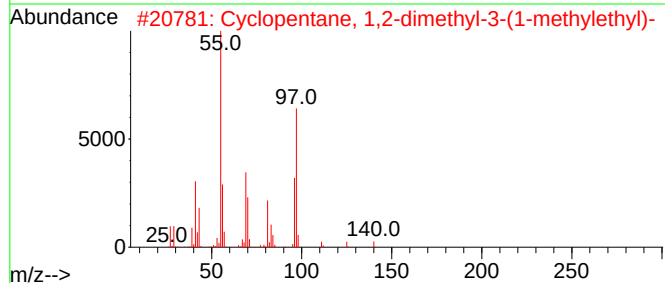
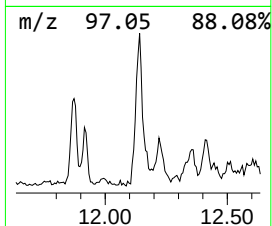
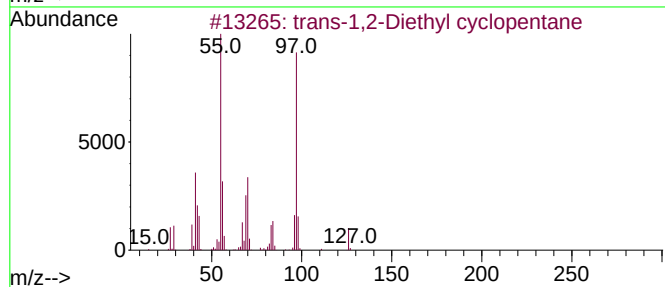
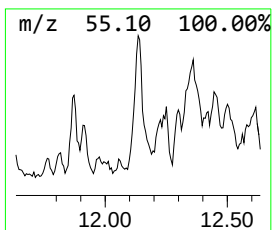
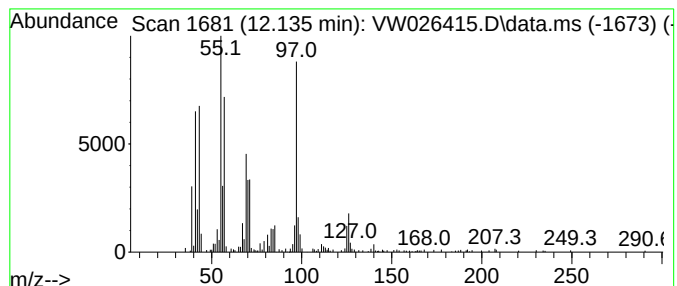
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 (DEL) Alkane: Cyclic12.135 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.135	4.95 ug/L	164680	Chlorobenzene-d5	11.635

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			trans-1,2-Diethyl cyclopentane	126	C9H18	000932-40-1	72
2			Cyclopentane, 1,2-dimethyl-3-(1-...	140	C10H20	000489-20-3	58
3			1H-Pyrazole, 5-ethyl-4,5-dihydro...	126	C7H14N2	021981-22-6	49
4			1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	46
5			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026415.D
Acq On : 29 Jun 2023 00:00
Operator : SY/MD
Sample : 03458-19
Misc : 4.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N2

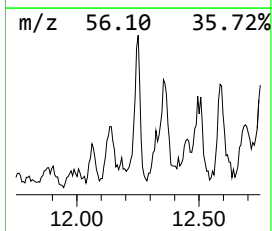
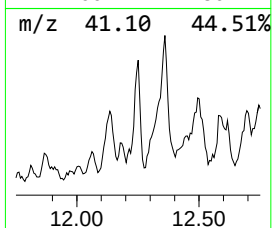
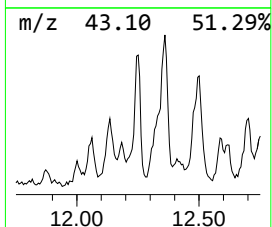
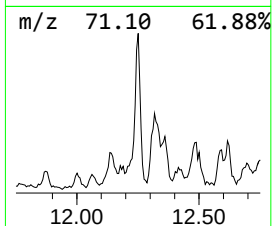
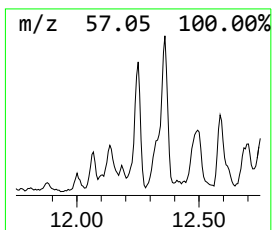
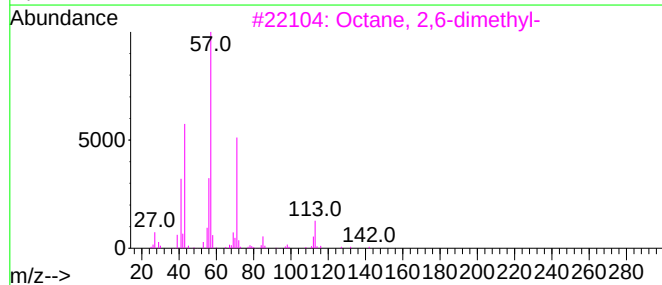
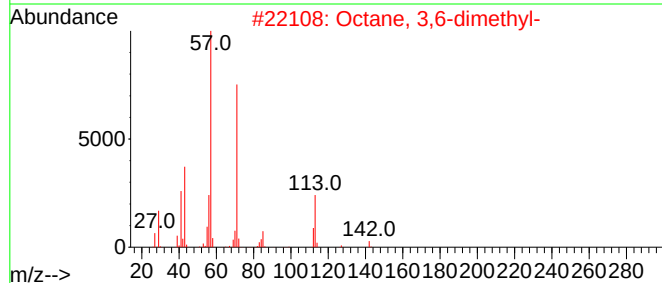
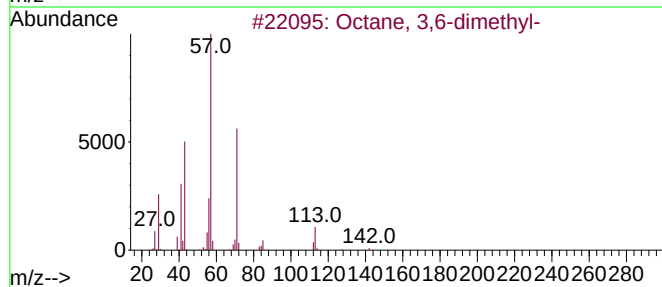
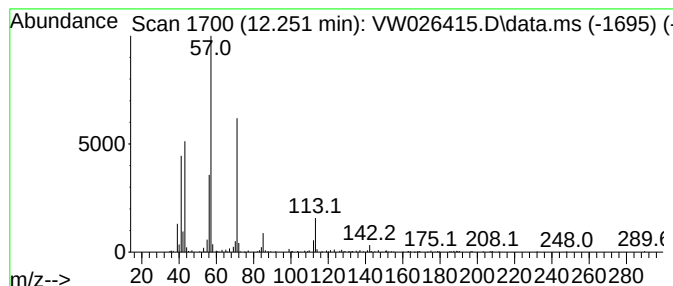
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.251	4.20 ug/L	139891	Chlorobenzene-d5	11.635

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,6-dimethyl-			142	C10H22	015869-94-0	78
2	Octane, 3,6-dimethyl-			142	C10H22	015869-94-0	76
3	Octane, 2,6-dimethyl-			142	C10H22	002051-30-1	72
4	Octane, 2,6-dimethyl-			142	C10H22	002051-30-1	72
5	Hexane, 3-methyl-			100	C7H16	000589-34-4	59



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026415.D
Acq On : 29 Jun 2023 00:00
Operator : SY/MD
Sample : 03458-19
Misc : 4.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N2

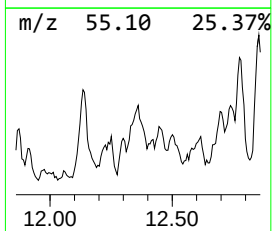
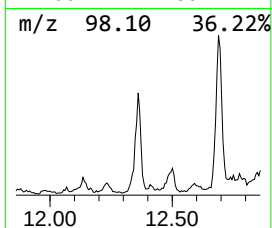
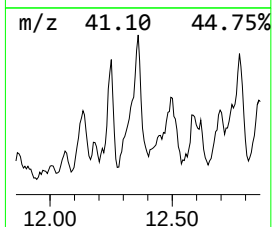
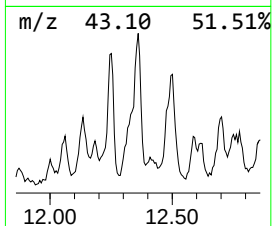
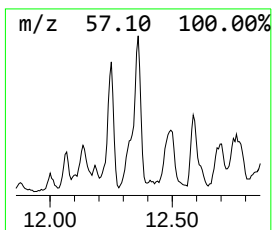
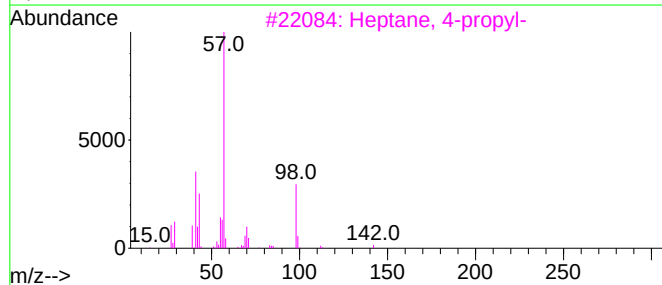
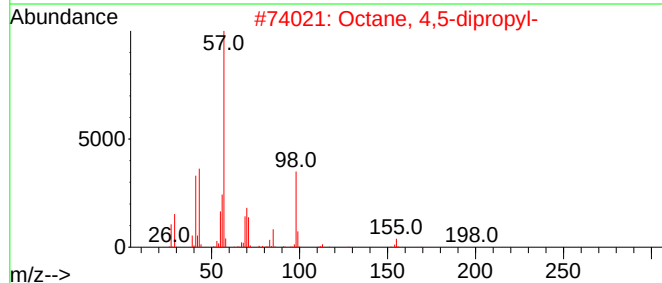
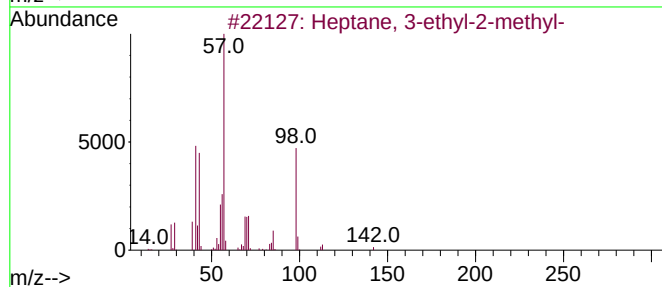
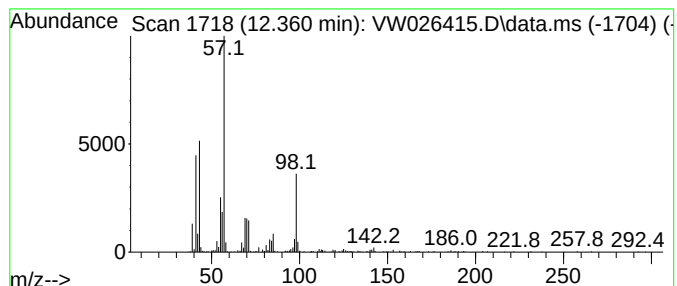
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.360	10.73 ug/L	357139	Chlorobenzene-d5	11.635

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	94
2		Octane, 4,5-dipropyl-	198	C14H30	020905-05-9	64
3		Heptane, 4-propyl-	142	C10H22	003178-29-8	64
4		Heptane, 4-propyl-	142	C10H22	003178-29-8	58
5		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026415.D
Acq On : 29 Jun 2023 00:00
Operator : SY/MD
Sample : 03458-19
Misc : 4.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N2

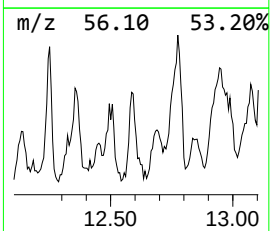
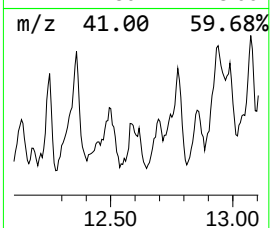
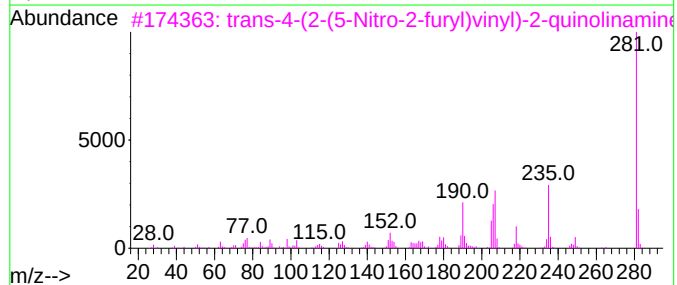
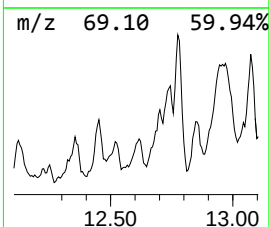
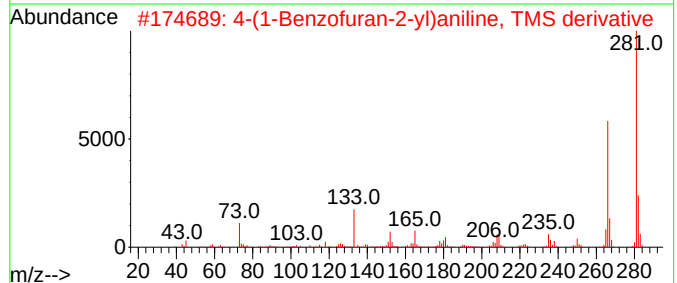
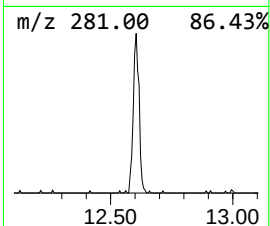
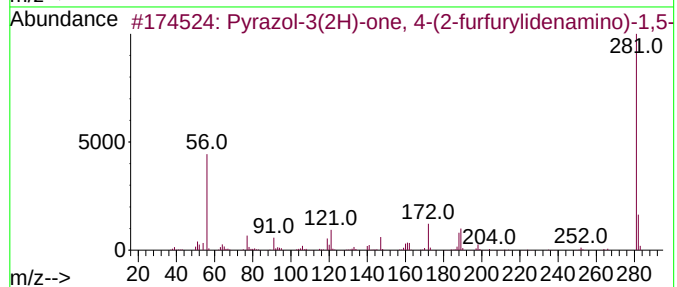
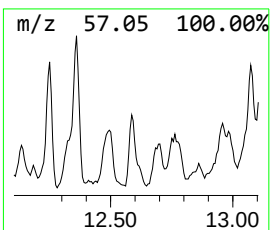
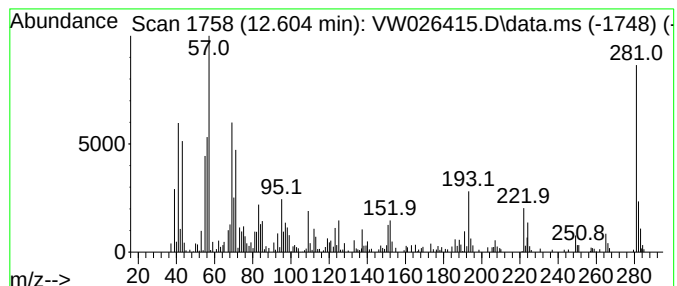
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown-01 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.604	7.45 ug/L	140264	1,4-Dichlorobenzene-d4	13.555

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrazol-3(2H)-one, 4-(2-furfuryl...	281	C16H15N3O2	092968-42-8	38
2			4-(1-Benzofuran-2-yl)aniline, TM...	281	C17H19NOSi	1000477-09-8	25
3			trans-4-(2-(5-Nitro-2-furyl)vinyl...	281	C15H11N3O3	000847-10-9	22
4			3-Phenyl oxindole, BSTFA derivative	281	C17H19NOSi	1000458-51-5	22
5			3-Methylsalicylic acid, 2TMS der...	296	C14H24O3Si2	1000423-36-2	22



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026415.D
Acq On : 29 Jun 2023 00:00
Operator : SY/MD
Sample : 03458-19
Misc : 4.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N2

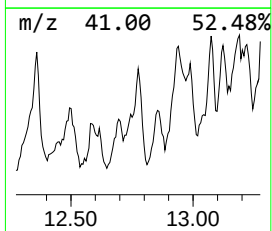
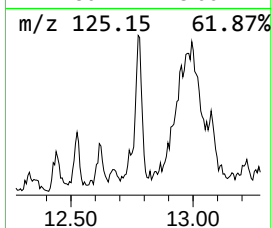
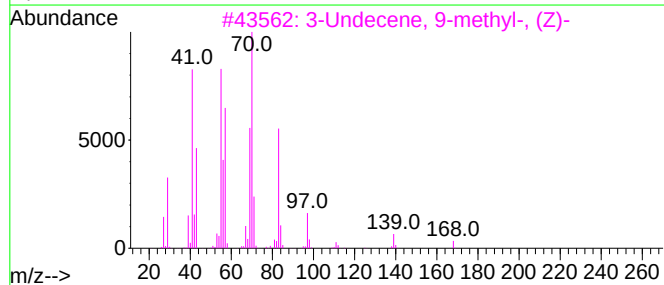
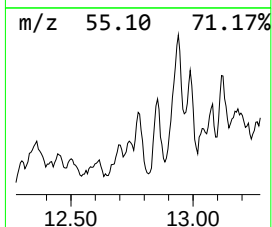
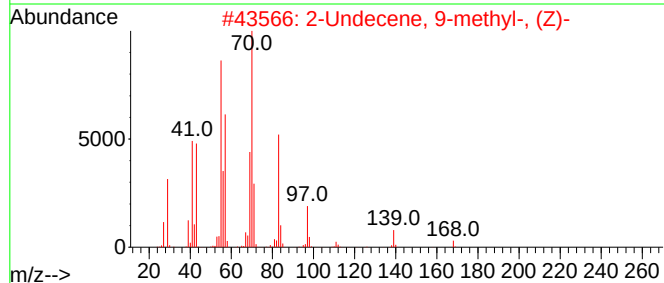
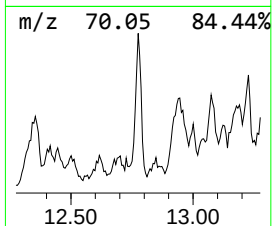
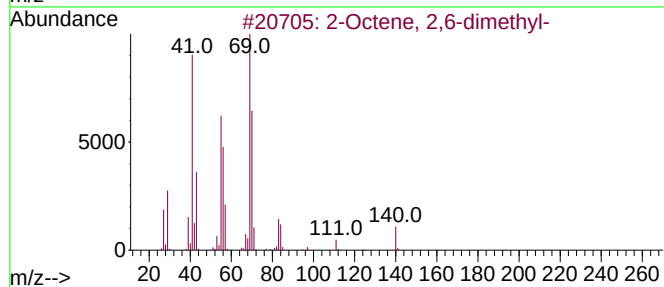
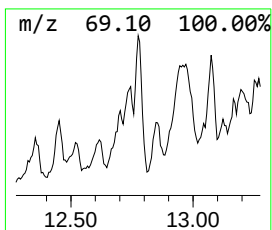
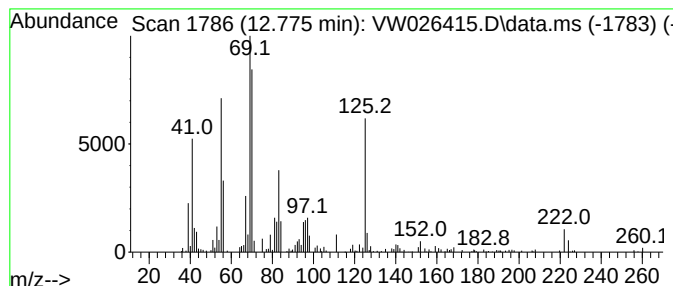
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.775	10.84 ug/L	204102	1,4-Dichlorobenzene-d4	13.555

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	52
2		2-Undecene, 9-methyl-, (Z)-	168	C12H24	074630-45-8	41
3		3-Undecene, 9-methyl-, (Z)-	168	C12H24	074630-50-5	38
4		2-Pentene, 3-methyl-, (E)-	84	C6H12	000616-12-6	30
5		2-Pentene, 3-methyl-	84	C6H12	000922-61-2	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026415.D
Acq On : 29 Jun 2023 00:00
Operator : SY/MD
Sample : 03458-19
Misc : 4.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

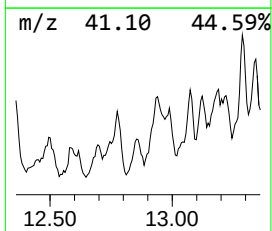
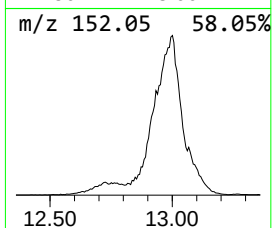
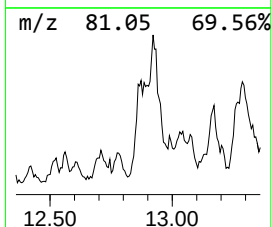
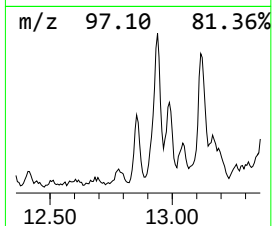
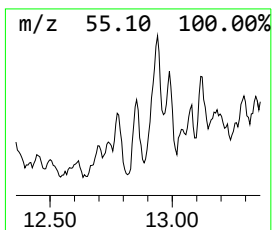
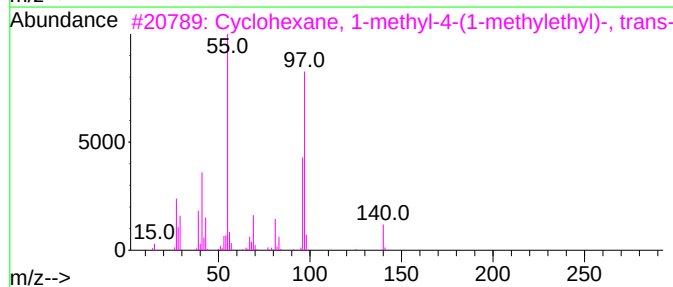
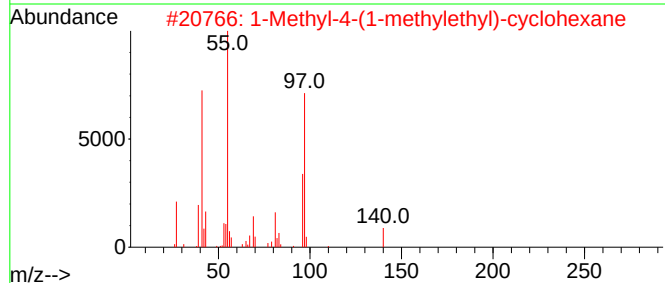
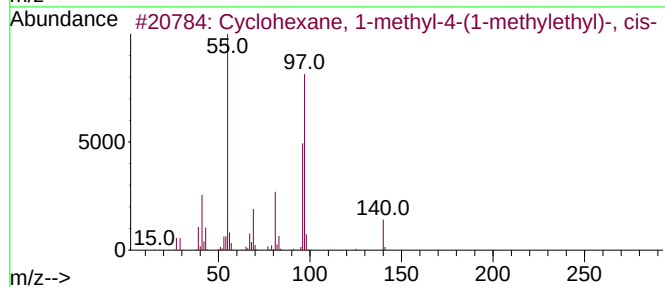
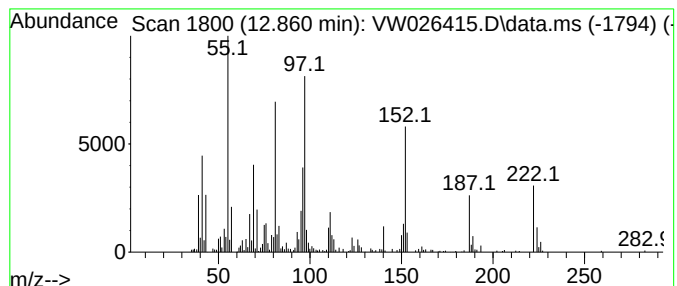
Instrument :
MSVOA_W
ClientSampleId :
A46N2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 (DEL) Alkane: Cyclic12.860 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.860	10.16 ug/L	191316	1,4-Dichlorobenzene-d4	13.555	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	43
2	1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	43
3	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	43
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	43
5	m-Menthane, (1S,3R)-(+)-	140	C10H20	013837-66-6	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026415.D
Acq On : 29 Jun 2023 00:00
Operator : SY/MD
Sample : 03458-19
Misc : 4.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N2

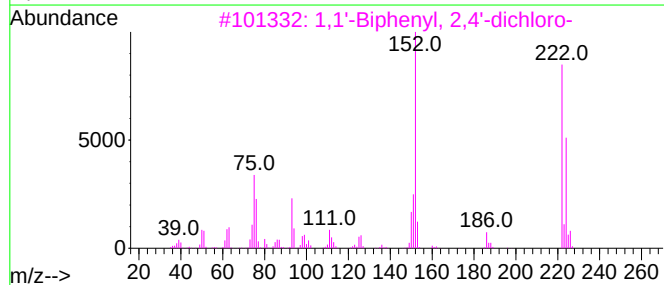
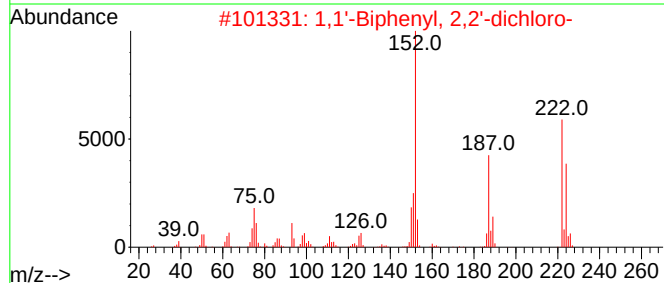
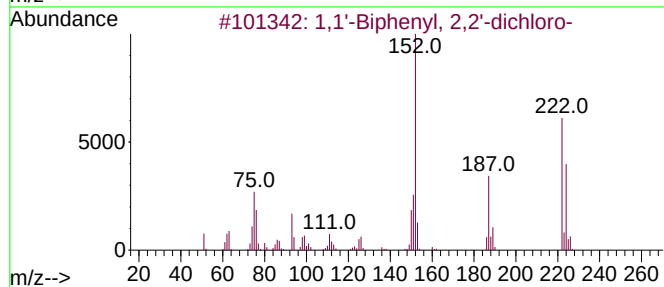
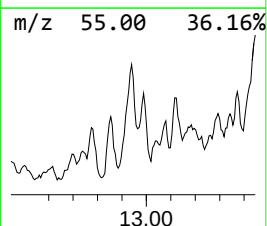
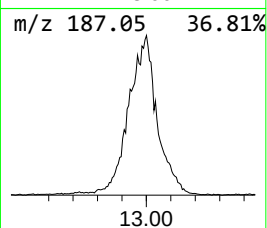
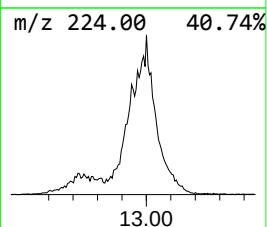
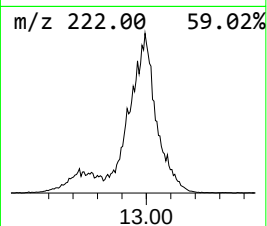
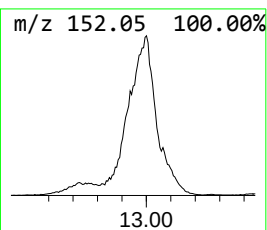
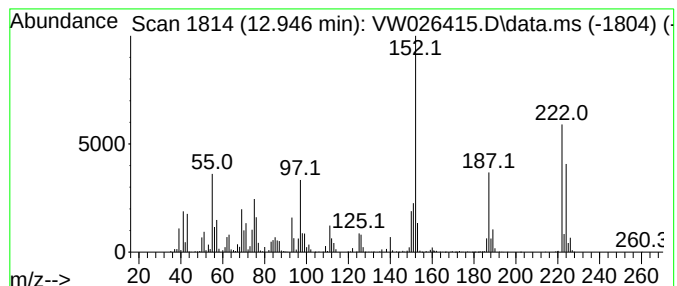
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 1,1'-Biphenyl, 2,2'-dichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.946	49.59 ug/L	933686	1,4-Dichlorobenzene-d4	13.555

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	99		
2	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	99		
3	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	98		
4	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	98		
5	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	98		



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026415.D
Acq On : 29 Jun 2023 00:00
Operator : SY/MD
Sample : 03458-19
Misc : 4.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N2

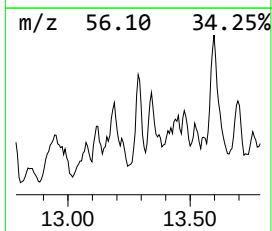
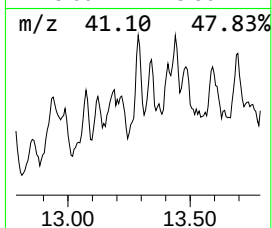
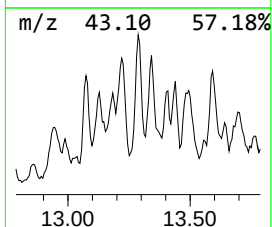
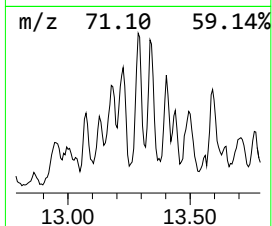
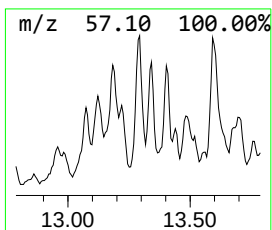
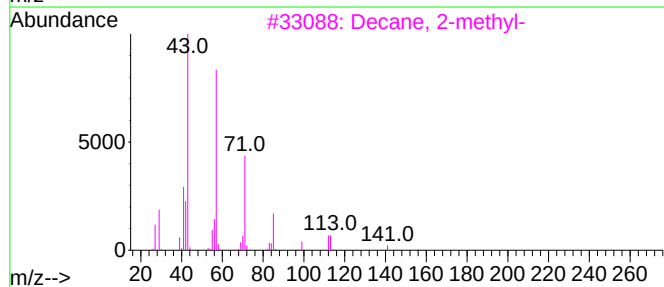
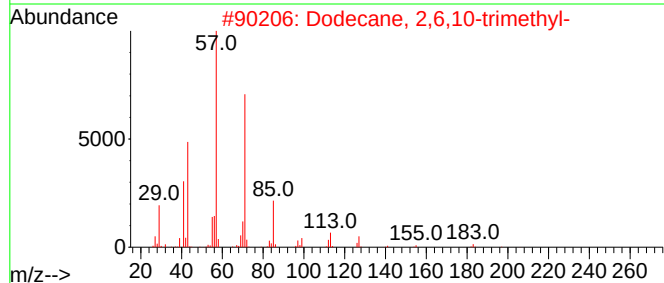
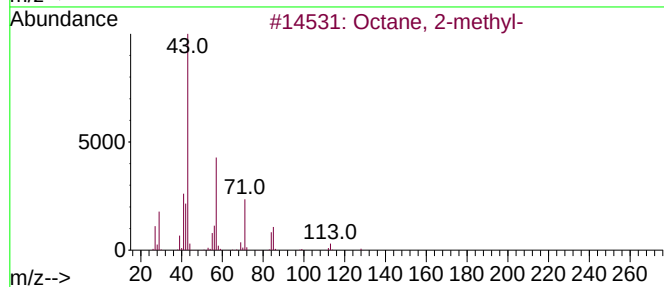
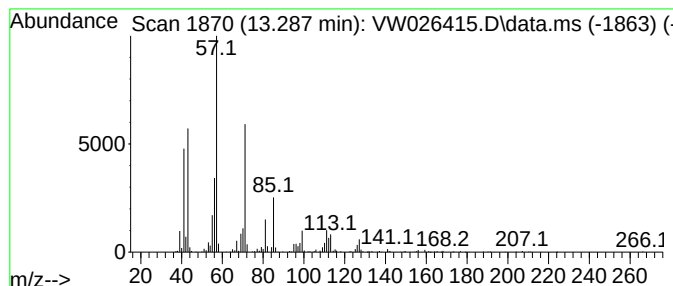
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.287	16.93 ug/L	318699	1,4-Dichlorobenzene-d4	13.555

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-			128	C9H20	003221-61-2	64
2	Dodecane, 2,6,10-trimethyl-			212	C15H32	003891-98-3	64
3	Decane, 2-methyl-			156	C11H24	006975-98-0	64
4	Nonane, 3-methyl-			142	C10H22	005911-04-6	64
5	Undecane, 2,9-dimethyl-			184	C13H28	017301-26-7	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026415.D
Acq On : 29 Jun 2023 00:00
Operator : SY/MD
Sample : 03458-19
Misc : 4.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N2

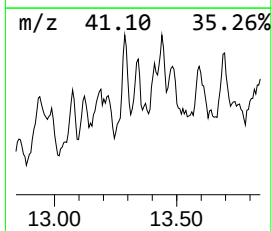
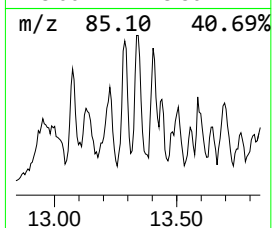
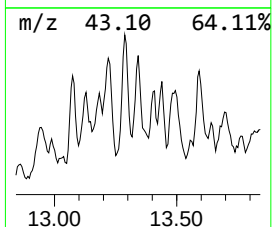
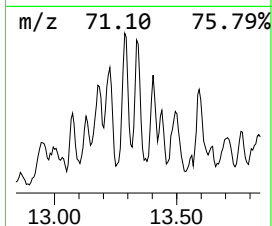
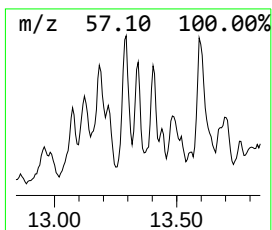
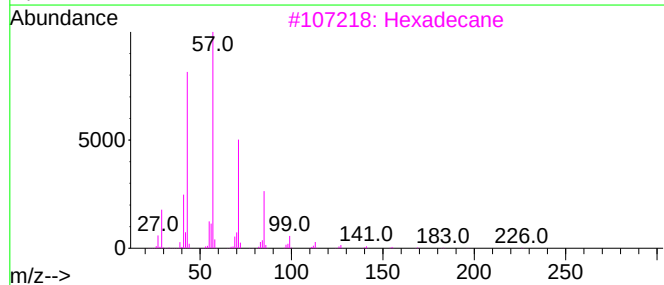
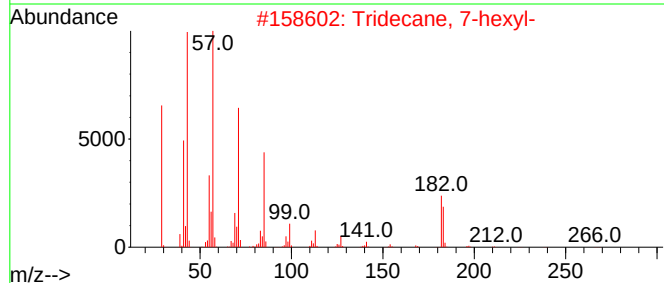
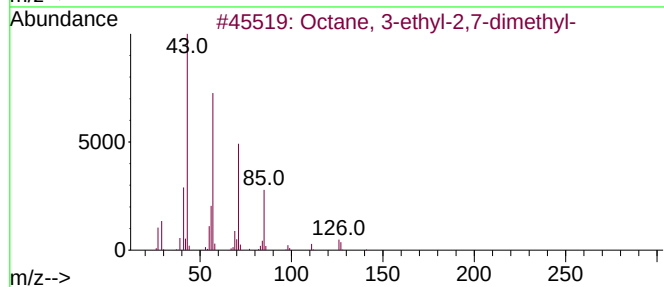
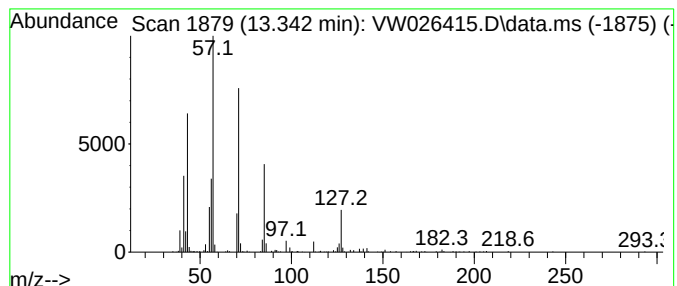
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.342	7.03 ug/L	132453	1,4-Dichlorobenzene-d4	13.555

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	72
2		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	64
3		Hexadecane	226	C16H34	000544-76-3	64
4		Nonane, 5-butyl-	184	C13H28	017312-63-9	64
5		Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026415.D
Acq On : 29 Jun 2023 00:00
Operator : SY/MD
Sample : 03458-19
Misc : 4.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N2

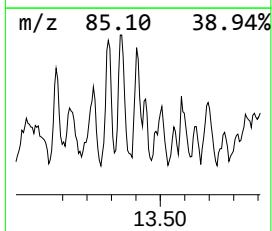
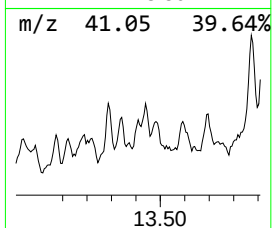
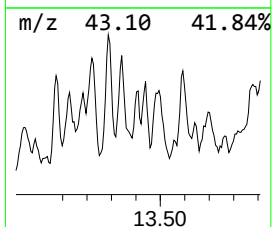
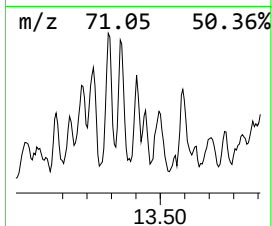
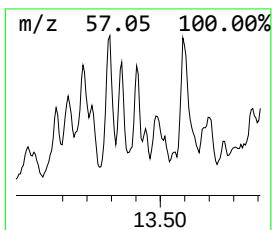
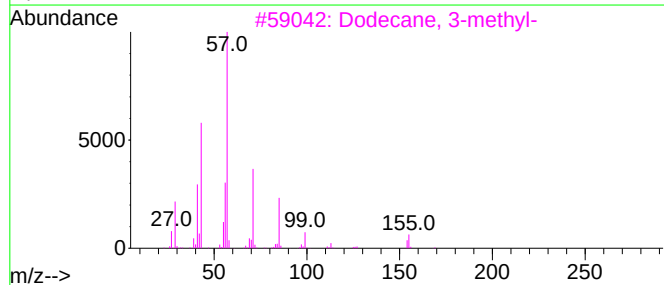
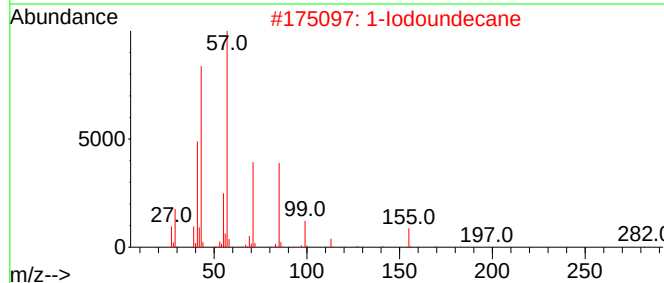
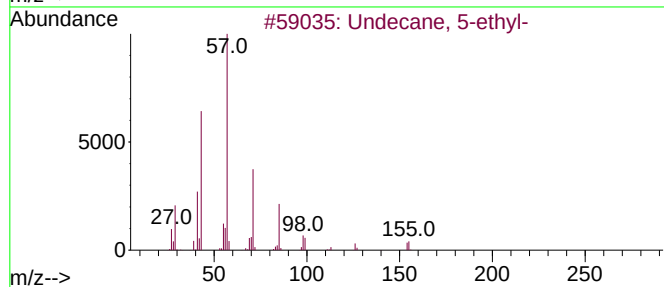
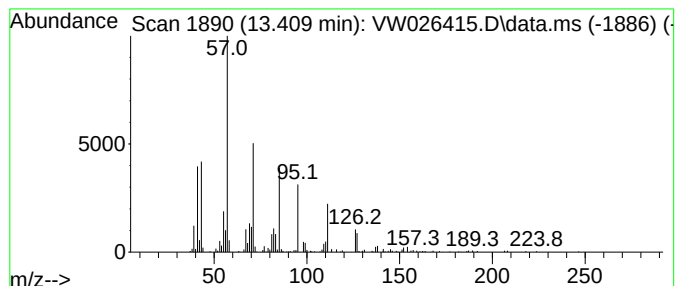
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.409	7.50 ug/L	141158	1,4-Dichlorobenzene-d4	13.555

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Undecane, 5-ethyl-	184	C13H28	017453-94-0	47
2		1-Iodoundecane	282	C11H23I	004282-44-4	43
3		Dodecane, 3-methyl-	184	C13H28	017312-57-1	43
4		Nonadecane, 2-methyl-	282	C20H42	001560-86-7	43
5		Succinic acid, 2-chloro-6-fluoro...	330	C15H16ClF05	1000390-72-1	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026415.D
Acq On : 29 Jun 2023 00:00
Operator : SY/MD
Sample : 03458-19
Misc : 4.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

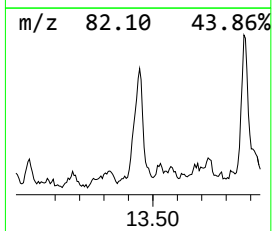
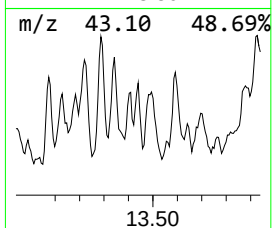
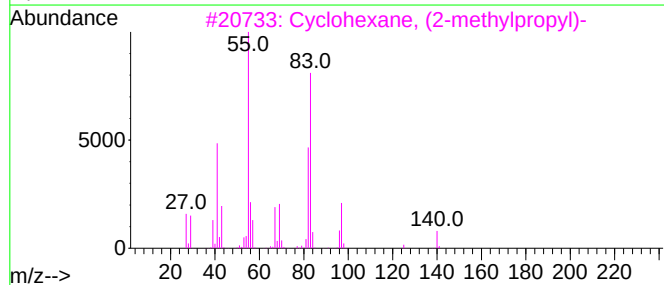
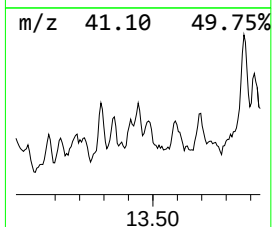
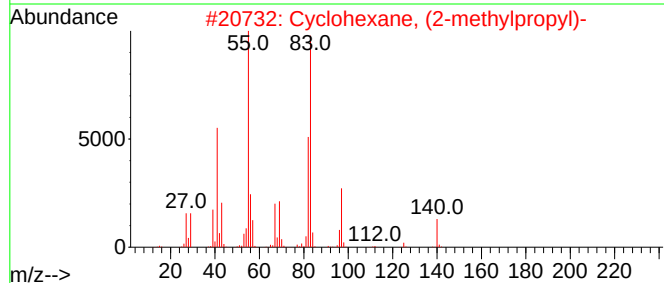
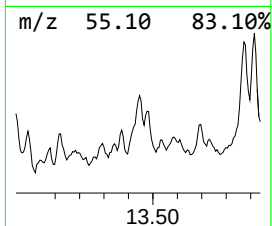
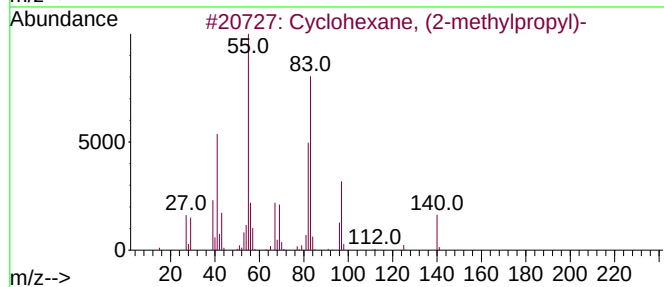
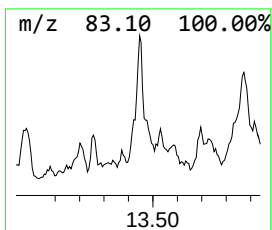
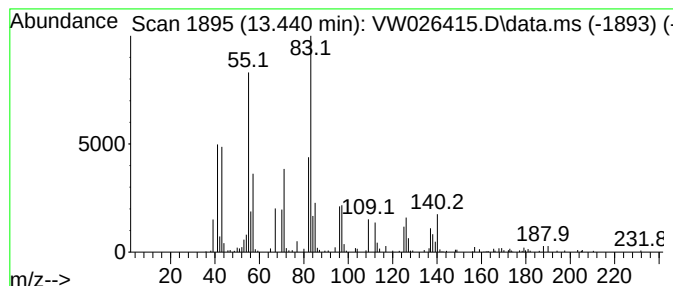
Instrument :
MSVOA_W
ClientSampleId :
A46N2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 (DEL) Alkane: Cyclic13.440 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD			R.T.
13.440	8.19 ug/L	154128	1,4-Dichlorobenzene-d4			13.555
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-		140	C10H20	001678-98-4	49
2	Cyclohexane, (2-methylpropyl)-		140	C10H20	001678-98-4	47
3	Cyclohexane, (2-methylpropyl)-		140	C10H20	001678-98-4	47
4	Cyclohexane, propyl-		126	C9H18	001678-92-8	43
5	Bicyclo[3.1.1]heptan-2-one, 6,6-...		138	C9H14O	024903-95-5	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026415.D
Acq On : 29 Jun 2023 00:00
Operator : SY/MD
Sample : 03458-19
Misc : 4.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

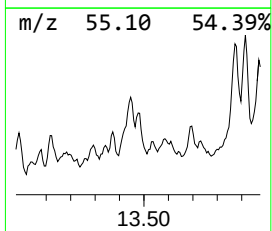
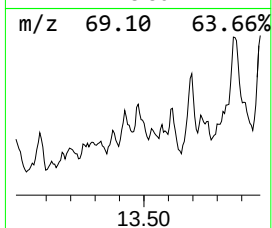
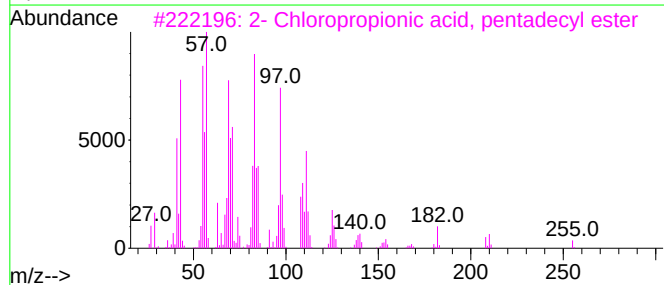
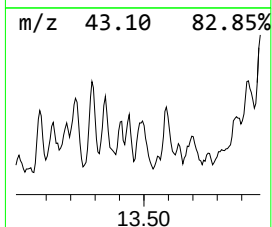
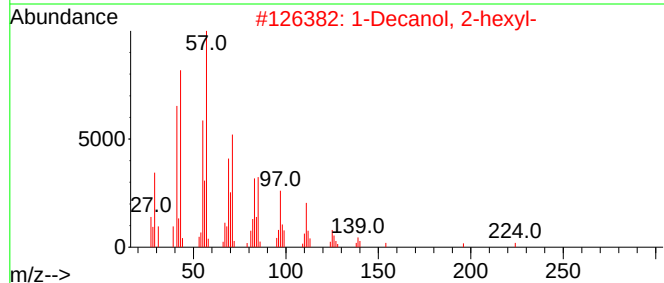
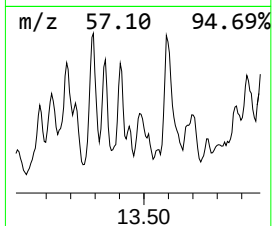
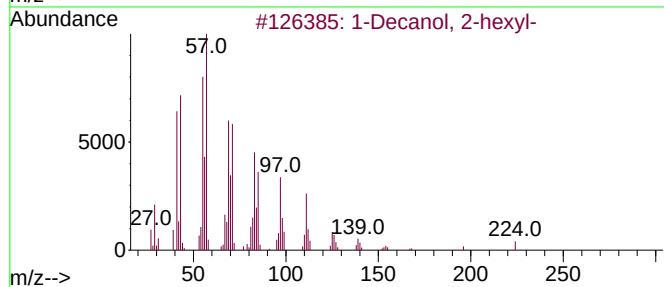
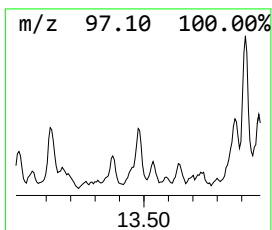
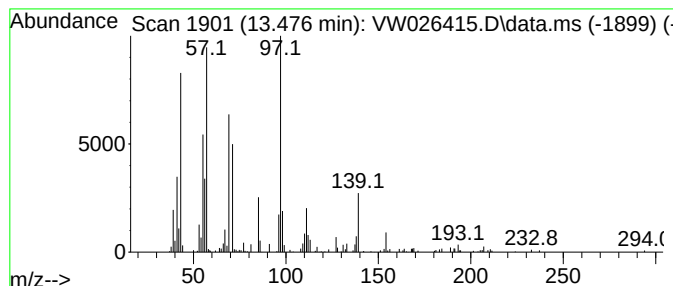
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 unknown-02

Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.476	7.57 ug/L	142490	1,4-Dichlorobenzene-d4	13.555

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	47
2			1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	47
3			2- Chloropropionic acid, pentade...	318	C18H35ClO2	1000292-44-1	47
4			1,2-Octadecanediol	286	C18H38O2	020294-76-2	43
5			3-Octadecene, (E)-	252	C18H36	007206-19-1	35



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026415.D
Acq On : 29 Jun 2023 00:00
Operator : SY/MD
Sample : 03458-19
Misc : 4.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N2

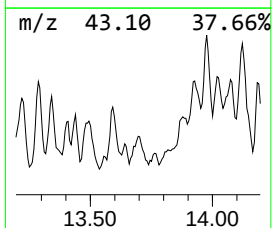
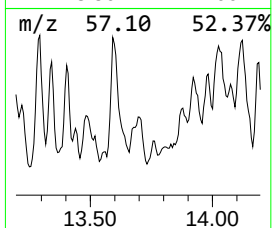
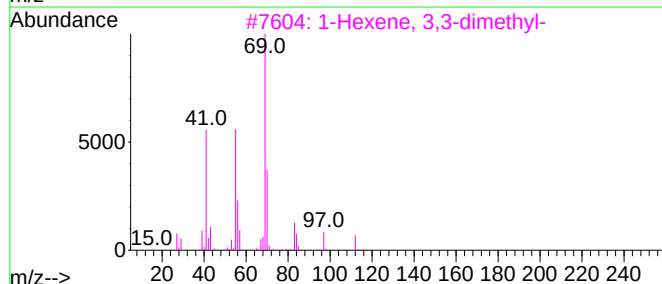
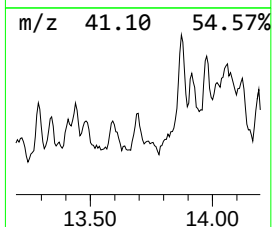
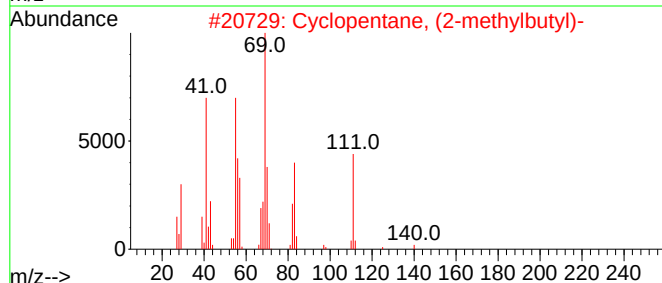
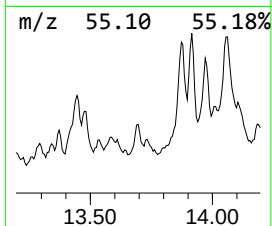
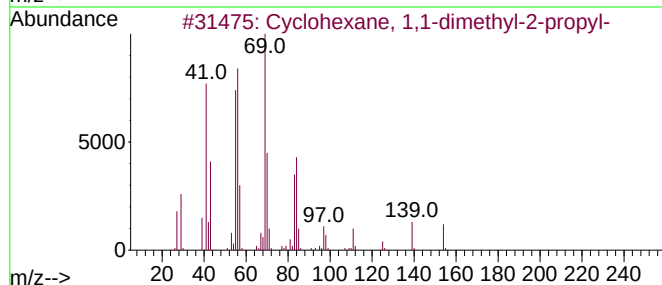
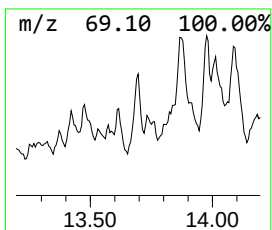
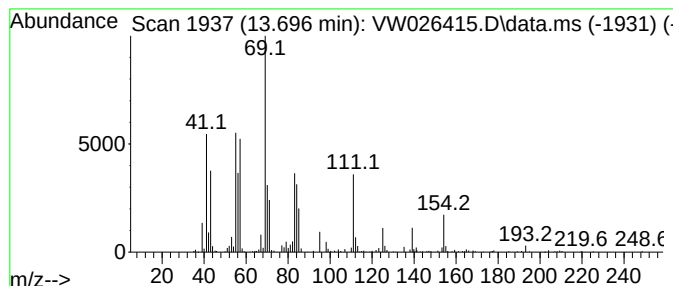
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 (DEL) Alkane: Cyclic13.696 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.696	12.14 ug/L	228562	1,4-Dichlorobenzene-d4	13.555

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	62
2		Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	53
3		1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	38
4		2-Pentene, 2-methyl-	84	C6H12	000625-27-4	38
5		2-Butene, 2,3-dimethyl-	84	C6H12	000563-79-1	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026415.D
Acq On : 29 Jun 2023 00:00
Operator : SY/MD
Sample : 03458-19
Misc : 4.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N2

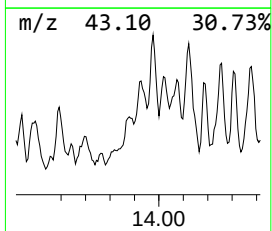
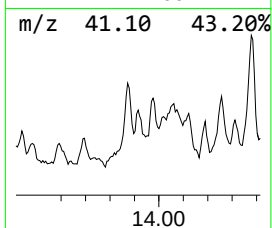
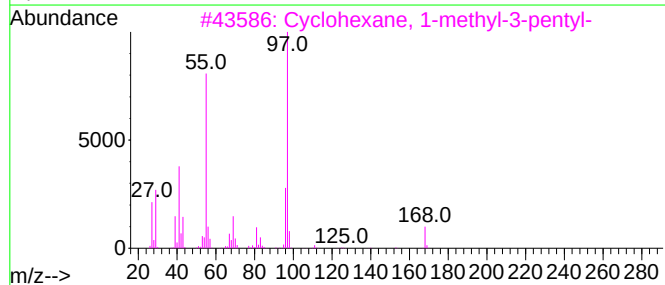
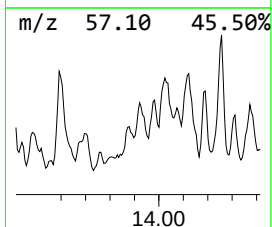
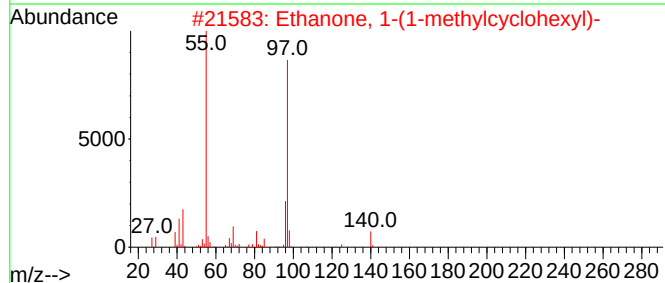
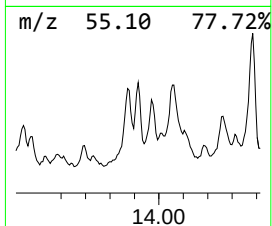
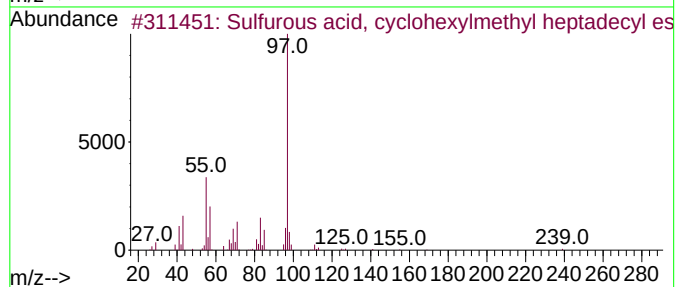
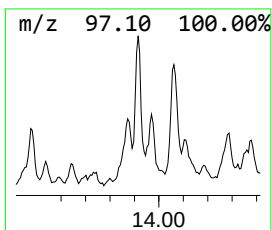
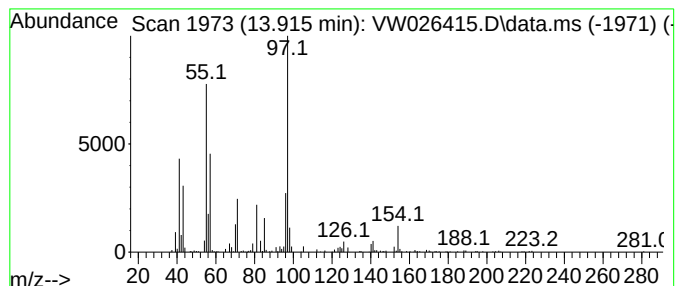
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Sulfurous acid, cyclohexylm... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.915	11.84 ug/L	222937	1,4-Dichlorobenzene-d4	13.555

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, cyclohexylmethyl...	416	C24H48O3S	1000309-22-5	72
2			Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	59
3			Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	53
4			Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	53
5			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	53



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026415.D
Acq On : 29 Jun 2023 00:00
Operator : SY/MD
Sample : 03458-19
Misc : 4.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N2

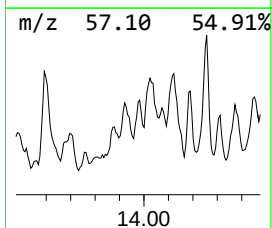
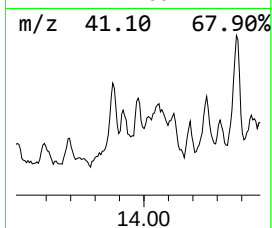
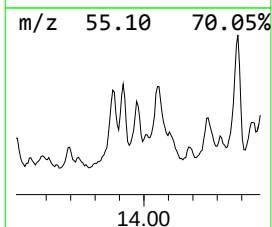
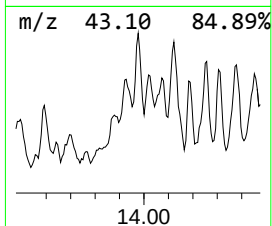
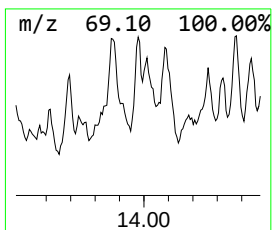
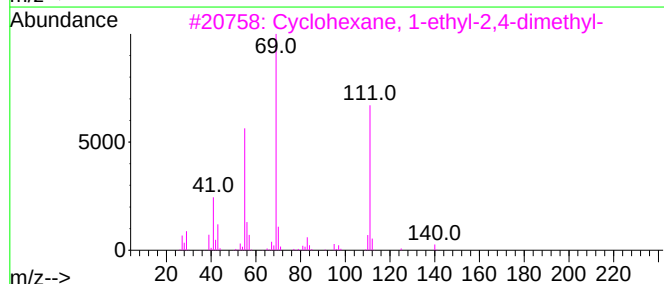
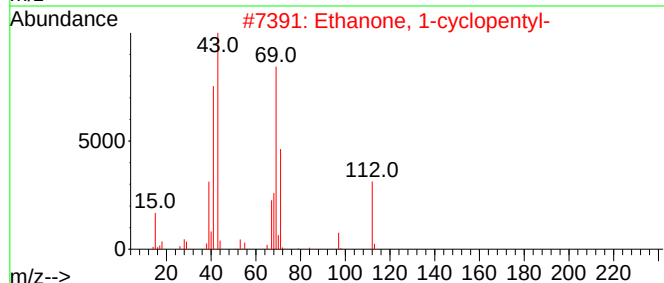
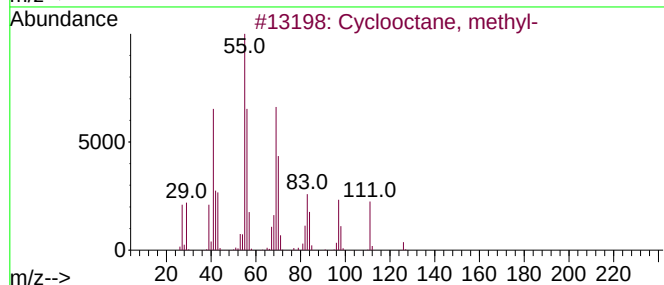
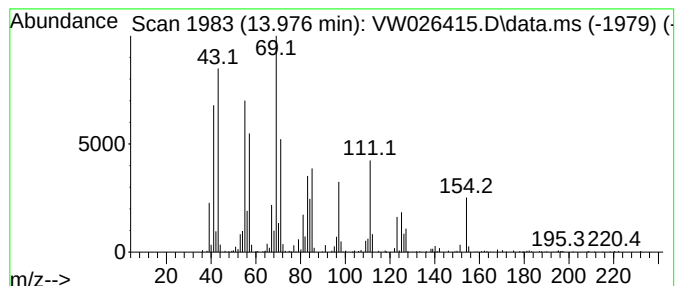
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 (DEL) Alkane: Cyclic13.976 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.976	14.91 ug/L	280667	1,4-Dichlorobenzene-d4	13.555

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclooctane, methyl-	126	C9H18	001502-38-1	46
2			Ethanone, 1-cyclopentyl-	112	C7H12O	006004-60-0	30
3			Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	27
4			2-Pentene, 4-methyl-, (E)-	84	C6H12	000674-76-0	25
5			2-Pentene, 4-methyl-, (Z)-	84	C6H12	000691-38-3	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026415.D
Acq On : 29 Jun 2023 00:00
Operator : SY/MD
Sample : 03458-19
Misc : 4.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

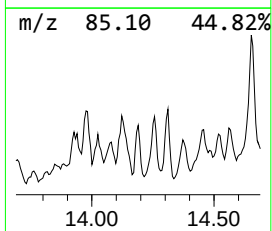
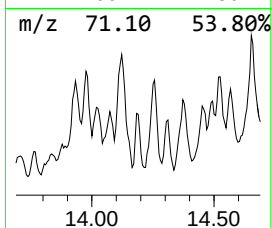
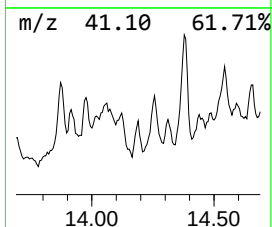
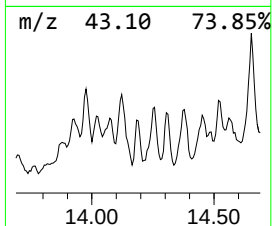
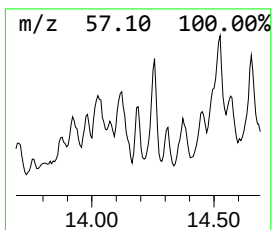
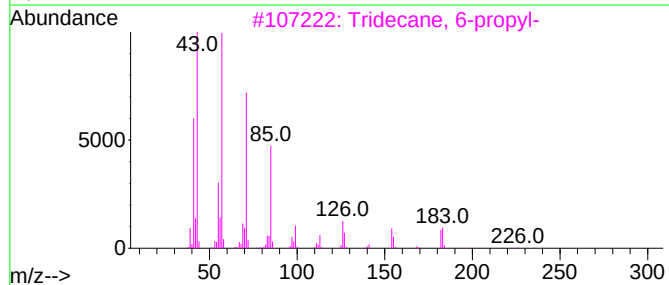
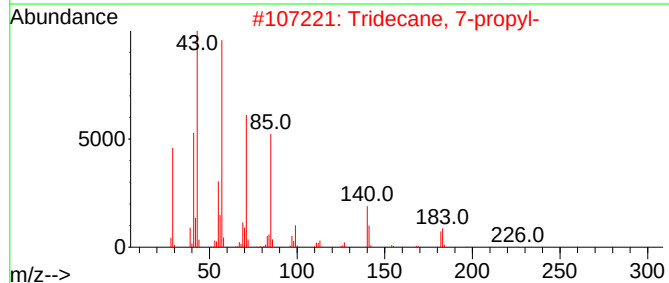
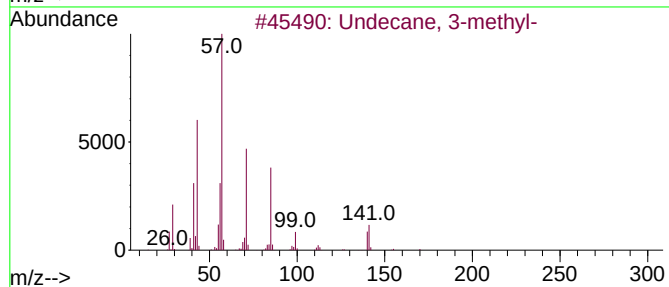
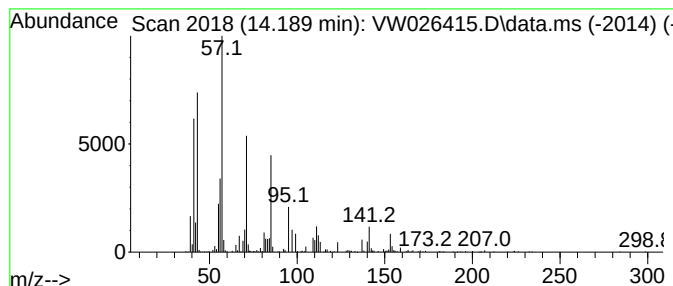
Instrument :
MSVOA_W
ClientSampleId :
A46N2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD			R.T.
14.189	11.32 ug/L	213086	1,4-Dichlorobenzene-d4			13.555
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-		170	C12H26	001002-43-3	68
2	Tridecane, 7-propyl-		226	C16H34	055045-09-5	60
3	Tridecane, 6-propyl-		226	C16H34	055045-10-8	55
4	Decane, 2,3,8-trimethyl-		184	C13H28	062238-14-6	53
5	Decane, 3,8-dimethyl-		170	C12H26	017312-55-9	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026415.D
Acq On : 29 Jun 2023 00:00
Operator : SY/MD
Sample : 03458-19
Misc : 4.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N2

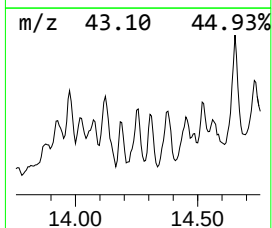
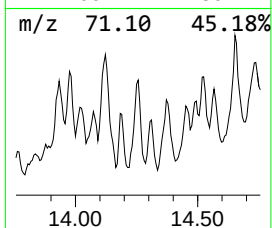
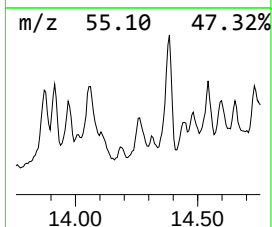
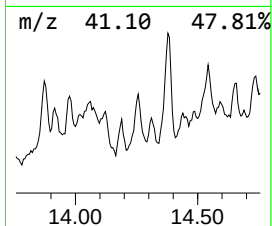
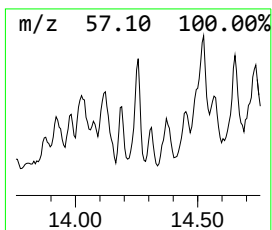
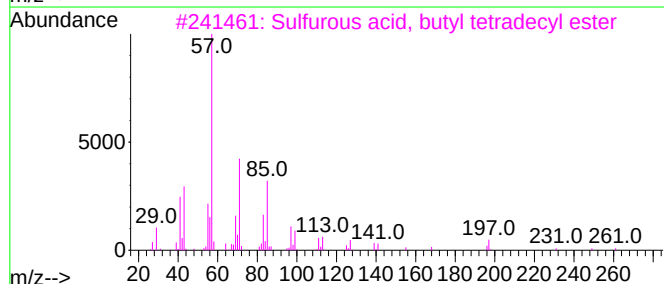
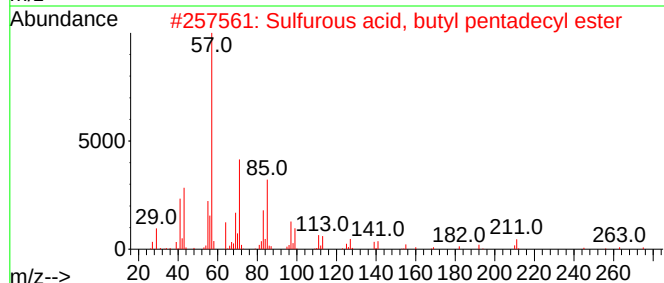
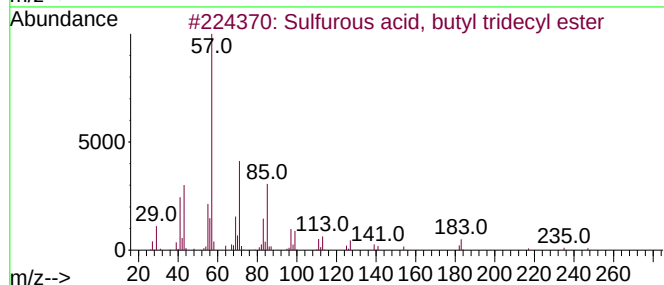
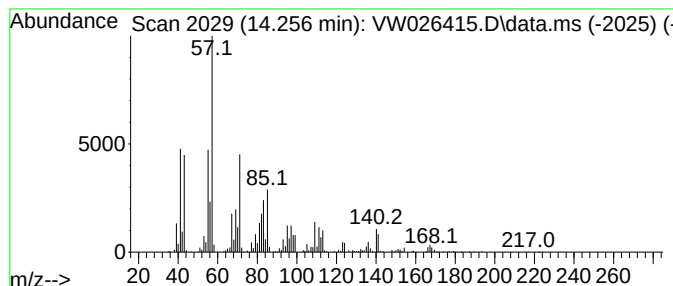
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Sulfurous acid, butyl tridec... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.256	23.94 ug/L	450783	1,4-Dichlorobenzene-d4	13.555

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	53
2			Sulfurous acid, butyl pentadecyl...	348	C19H40O3S	1000309-18-2	53
3			Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1010309-18-1	53
4			Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	50
5			Hexadecane, 3-methyl-	240	C17H36	006418-43-5	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026415.D
Acq On : 29 Jun 2023 00:00
Operator : SY/MD
Sample : 03458-19
Misc : 4.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N2

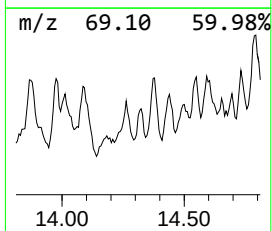
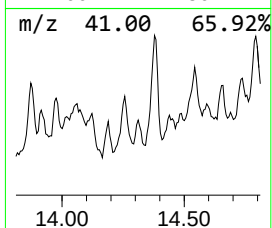
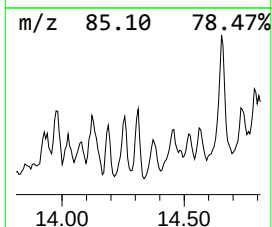
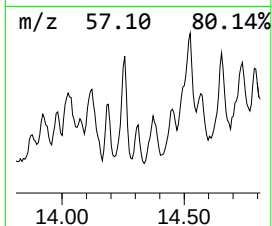
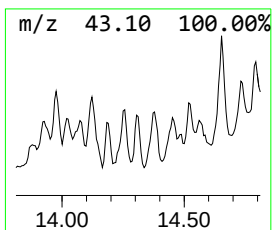
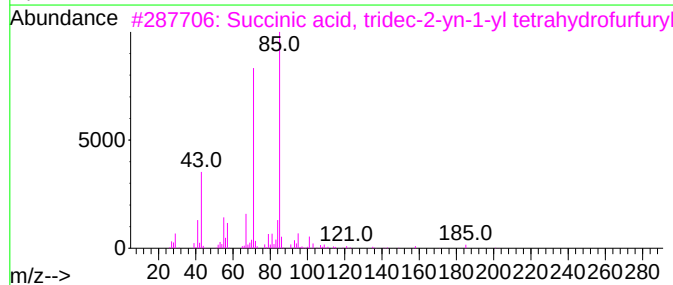
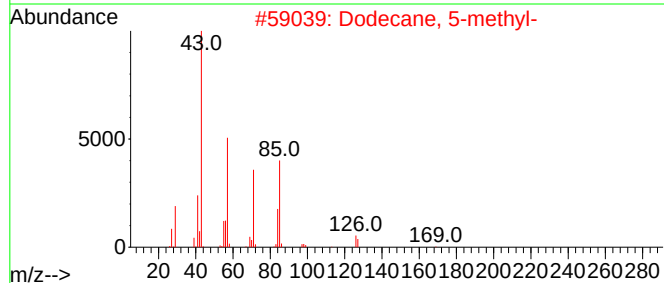
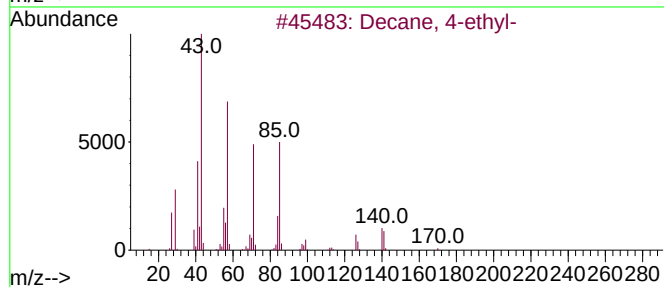
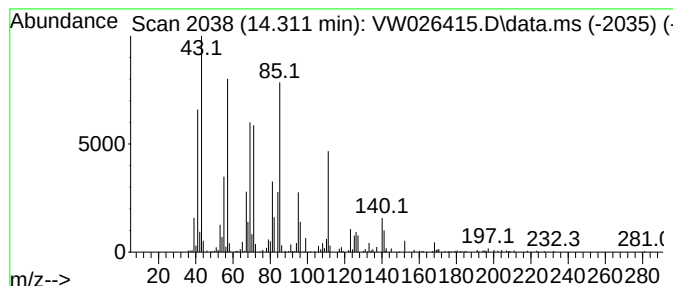
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.311	8.80 ug/L	165759	1,4-Dichlorobenzene-d4	13.555

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Decane, 4-ethyl-	170	C12H26	001636-44-8	50
2		Dodecane, 5-methyl-	184	C13H28	017453-93-9	47
3		Succinic acid, tridec-2-yn-1-yl ...	380	C22H36O5	1000390-72-9	38
4		Sulfurous acid, hexyl pentadecyl...	376	C21H44O3S	1000309-13-7	27
5		Pentane, 2,3,3,4-tetramethyl-	128	C9H20	016747-38-9	27



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026415.D
Acq On : 29 Jun 2023 00:00
Operator : SY/MD
Sample : 03458-19
Misc : 4.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N2

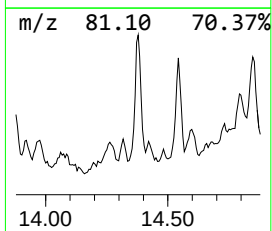
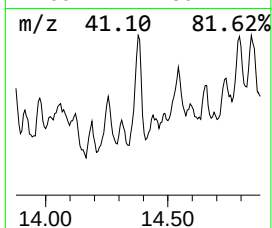
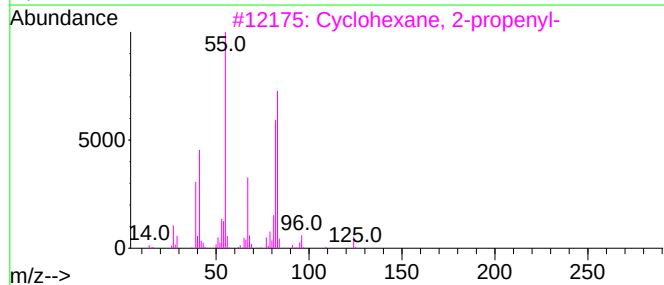
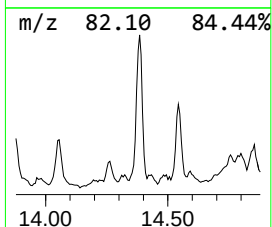
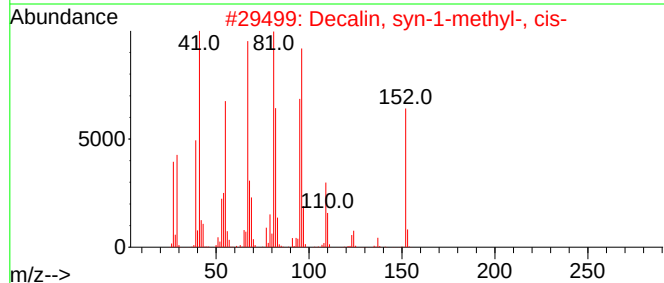
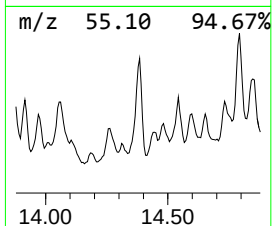
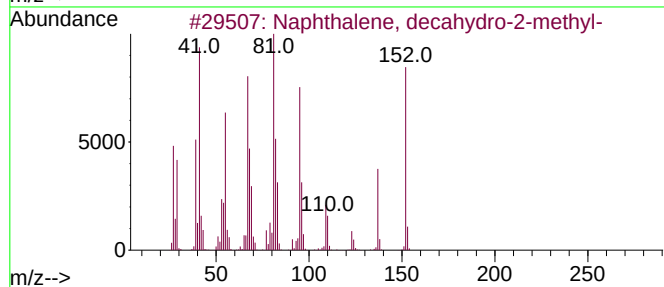
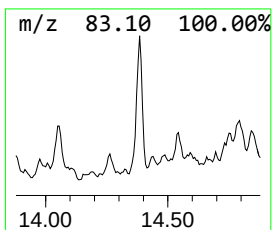
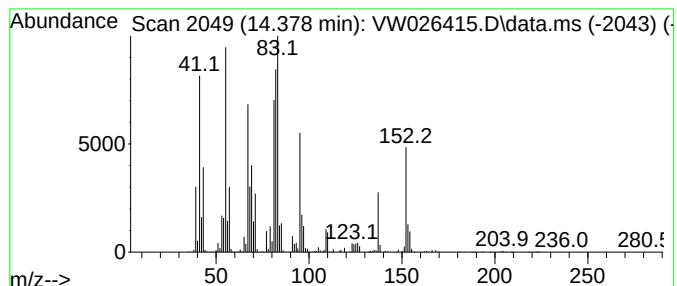
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Naphthalene, decahydro-2-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.378	54.64 ug/L	1028820	1,4-Dichlorobenzene-d4	13.555

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	91
2			Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	62
3			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	53
4			6-Dodecyne	166	C12H22	006975-99-1	47
5			1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	46



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026415.D
Acq On : 29 Jun 2023 00:00
Operator : SY/MD
Sample : 03458-19
Misc : 4.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N2

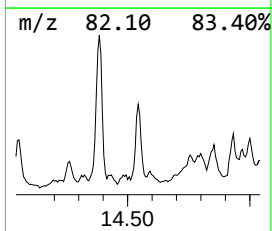
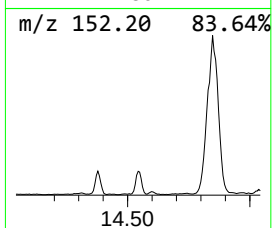
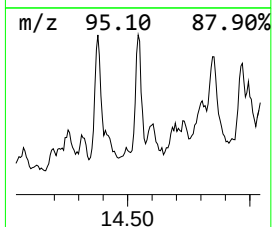
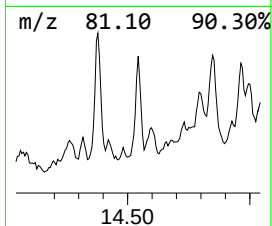
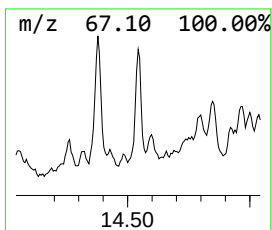
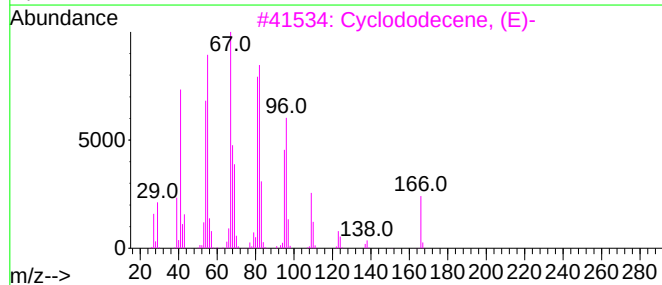
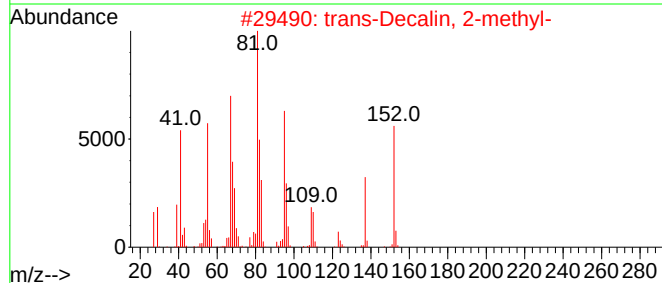
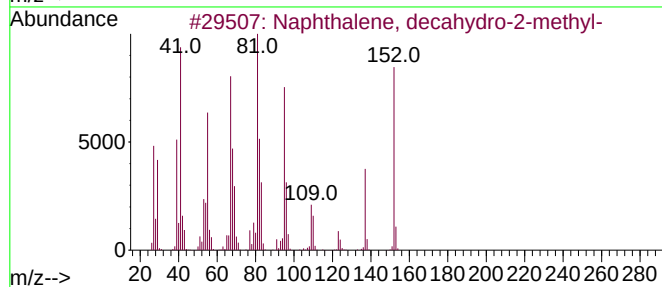
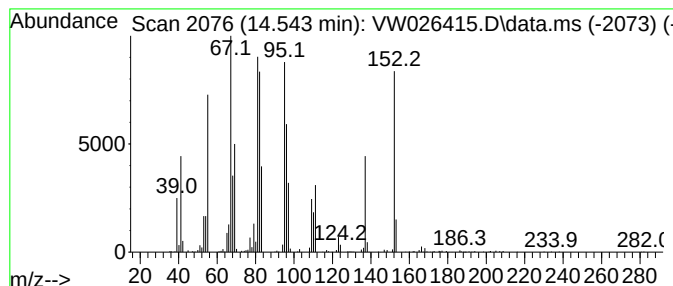
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 trans-Decalin, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.543	20.72 ug/L	390136	1,4-Dichlorobenzene-d4	13.555

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	93
2		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	64
3		Cyclododecene, (E)-	166	C12H22	001486-75-5	64
4		trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	64
5		5-Nonadecen-1-ol	282	C19H38O	1000131-11-9	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026415.D
Acq On : 29 Jun 2023 00:00
Operator : SY/MD
Sample : 03458-19
Misc : 4.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N2

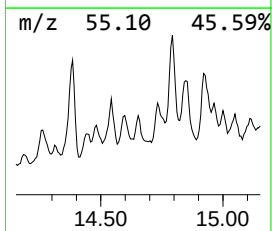
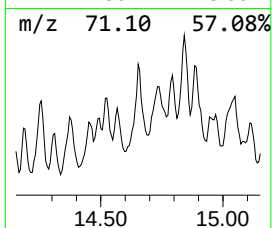
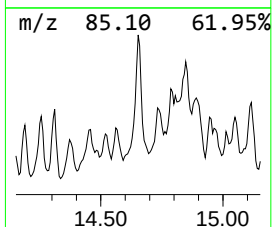
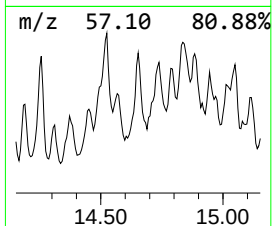
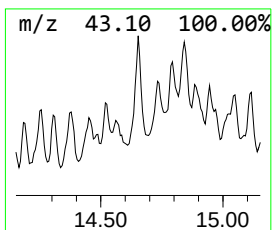
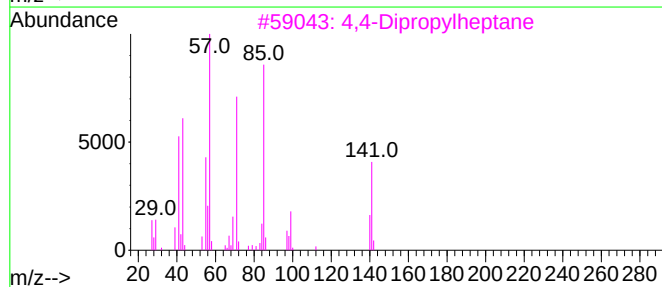
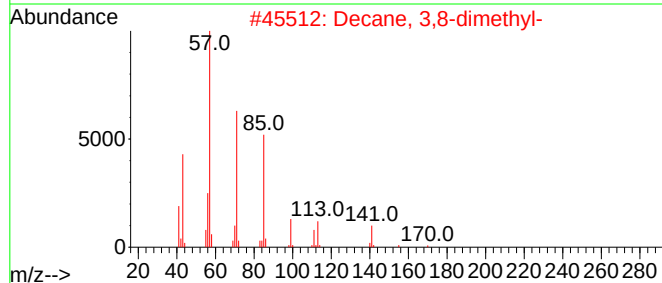
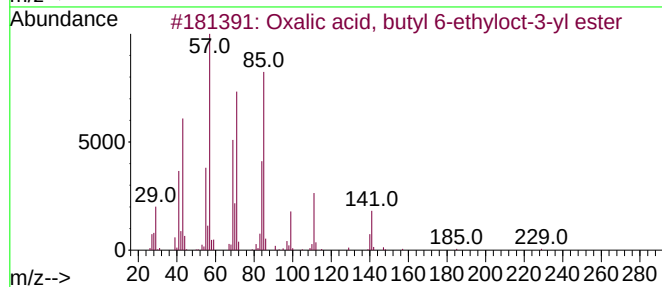
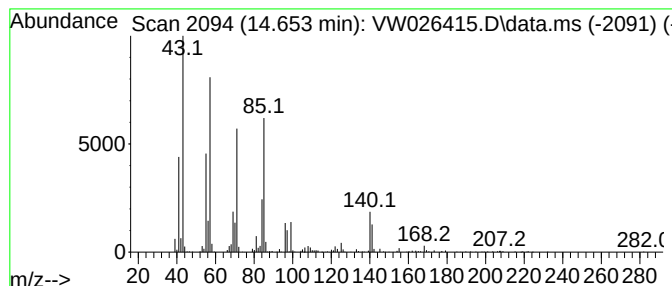
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 Oxalic acid, butyl 6-ethylo... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.653	10.95 ug/L	206111	1,4-Dichlorobenzene-d4	13.555

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, butyl 6-ethyloct-3-...	286	C16H30O4	1000309-34-2	80
2			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	70
3			4,4-Dipropylheptane	184	C13H28	017312-72-0	64
4			Decyl isopropyl ether	200	C13H28O	1000406-33-8	64
5			Tridecane, 5-methyl-	198	C14H30	025117-31-1	52



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026415.D
Acq On : 29 Jun 2023 00:00
Operator : SY/MD
Sample : 03458-19
Misc : 4.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N2

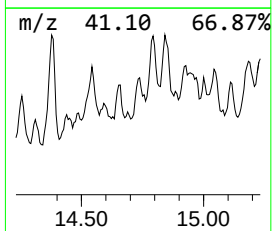
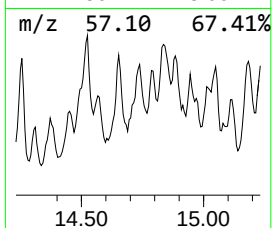
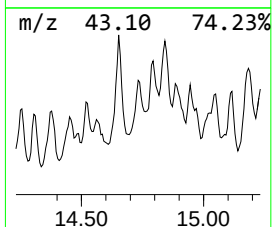
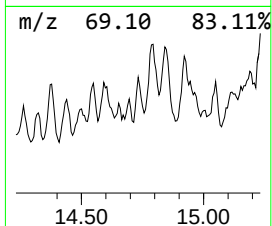
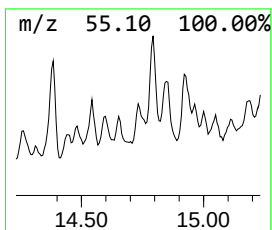
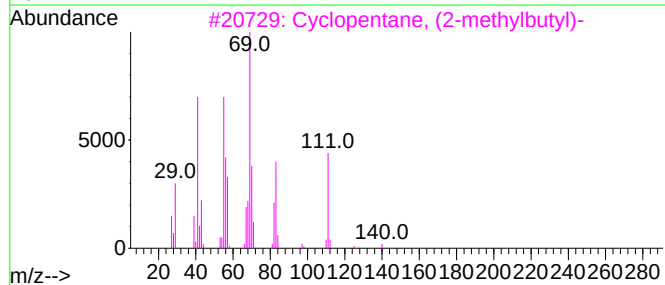
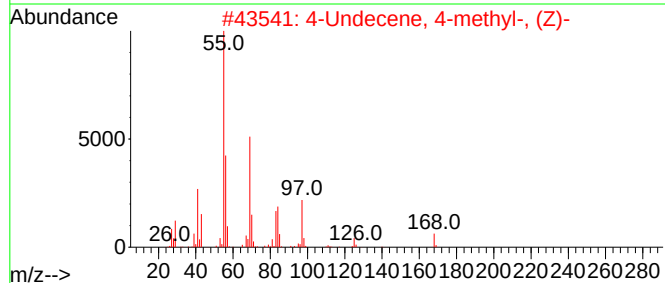
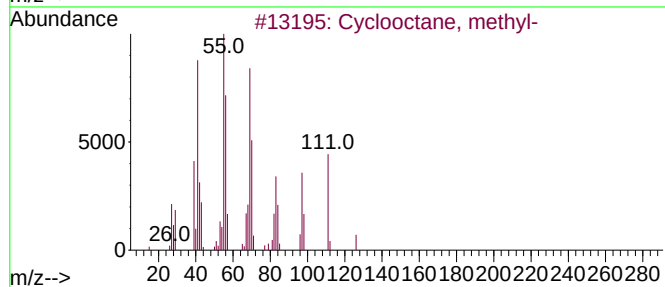
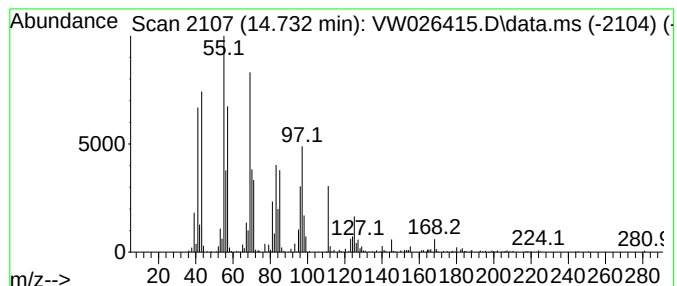
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 (DEL) Alkane: Cyclic14.732 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.732	18.47 ug/L	347717	1,4-Dichlorobenzene-d4	13.555

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclooctane, methyl-	126	C9H18	001502-38-1	68
2			4-Undecene, 4-methyl-, (Z)-	168	C12H24	074630-57-2	58
3			Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	53
4			2-Undecene, 6-methyl-, (E)-	168	C12H24	074630-61-8	52
5			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026415.D
Acq On : 29 Jun 2023 00:00
Operator : SY/MD
Sample : 03458-19
Misc : 4.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N2

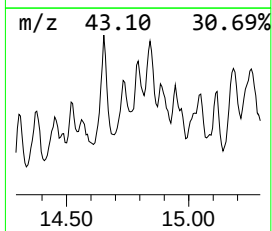
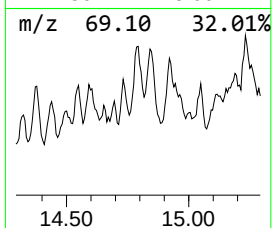
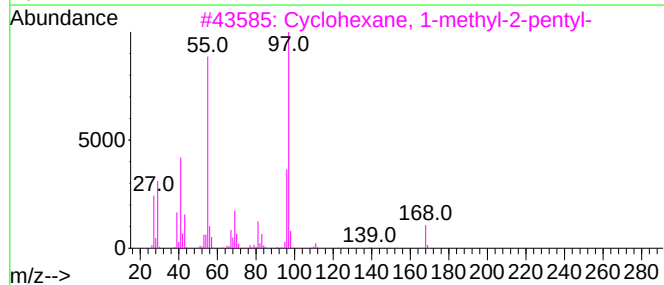
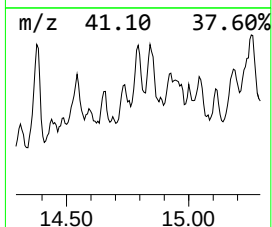
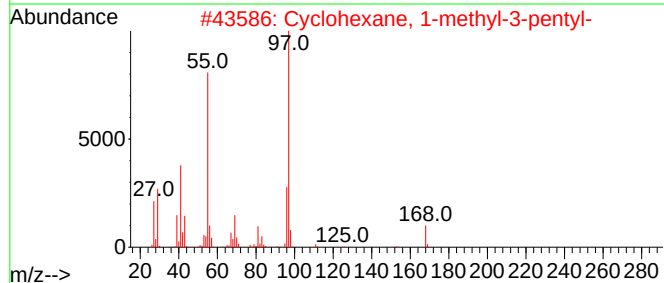
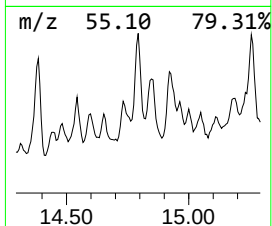
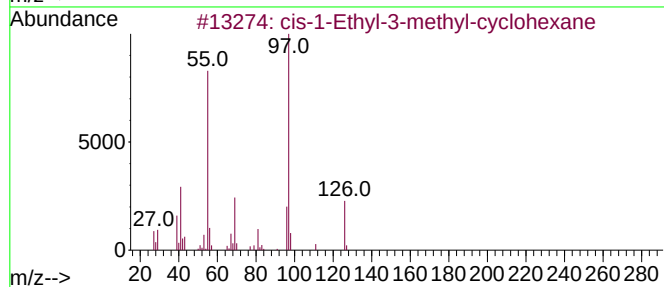
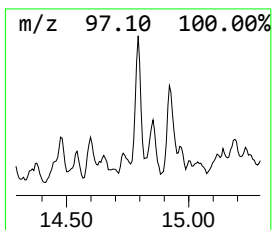
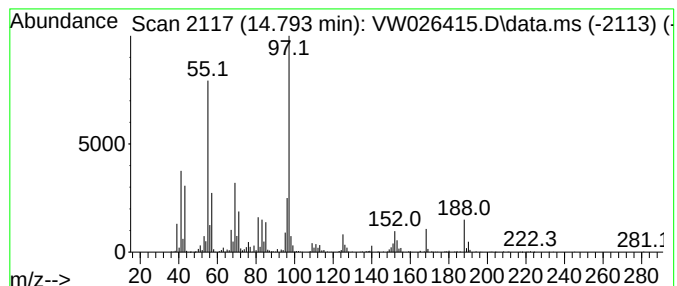
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 (DEL) Alkane: Cyclic14.793 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.793	34.53 ug/L	650237	1,4-Dichlorobenzene-d4	13.555

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	64
2			Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	58
3			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	58
4			1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	58
5			Oxalic acid, cyclohexylmethyl oc...	298	C17H30O4	1000309-68-4	58



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026415.D
Acq On : 29 Jun 2023 00:00
Operator : SY/MD
Sample : 03458-19
Misc : 4.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N2

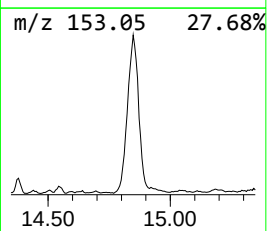
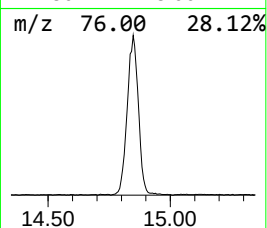
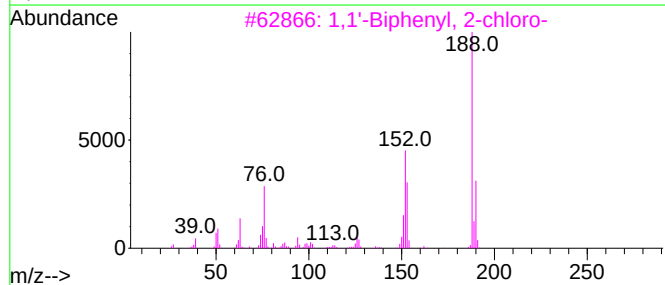
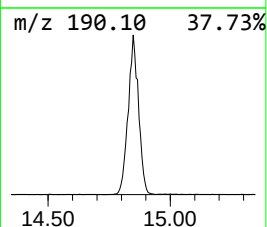
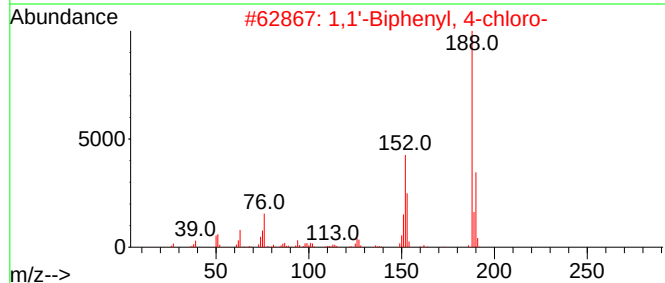
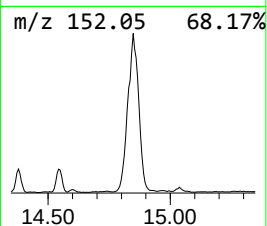
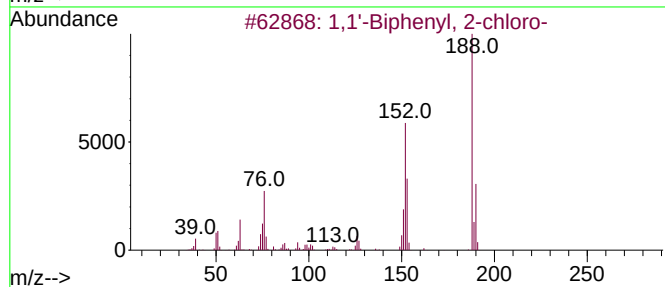
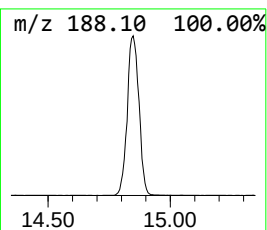
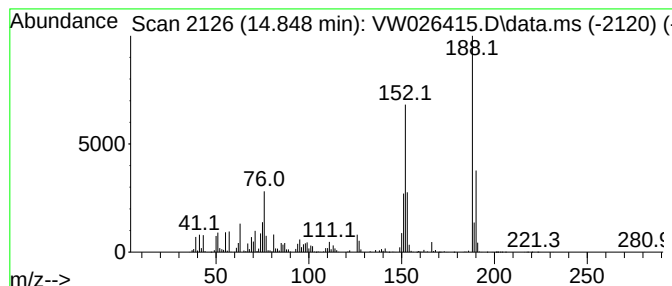
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 1,1'-Biphenyl, 2-chloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.848	204.10 ug/L	3843150	1,4-Dichlorobenzene-d4	13.555

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-chloro-			188	C12H9Cl	002051-60-7	98
2	1,1'-Biphenyl, 4-chloro-			188	C12H9Cl	002051-62-9	96
3	1,1'-Biphenyl, 2-chloro-			188	C12H9Cl	002051-60-7	96
4	3-Chlorobiphenyl			188	C12H9Cl	002051-61-8	95
5	3-Chlorobiphenyl			188	C12H9Cl	002051-61-8	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026415.D
Acq On : 29 Jun 2023 00:00
Operator : SY/MD
Sample : 03458-19
Misc : 4.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N2

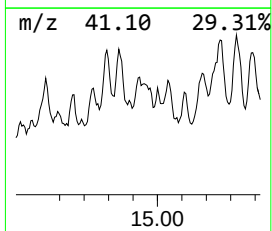
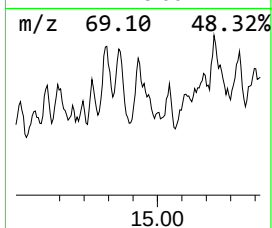
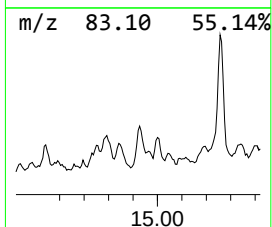
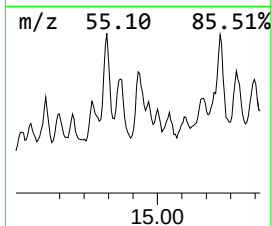
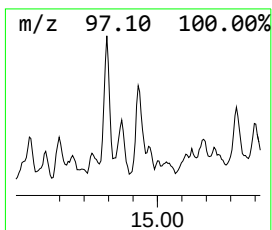
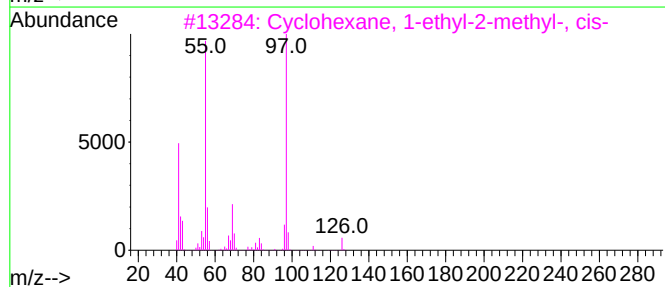
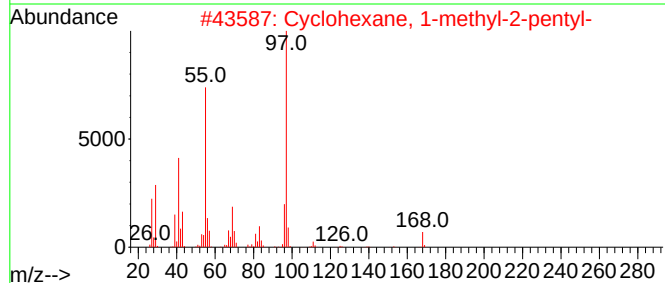
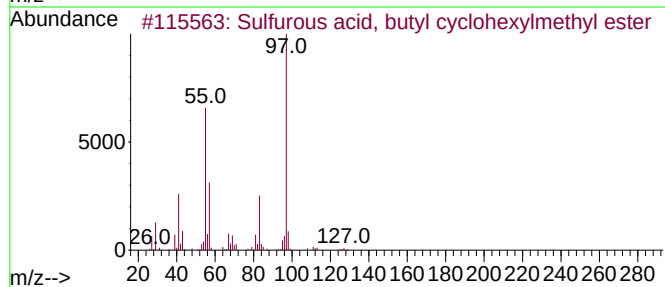
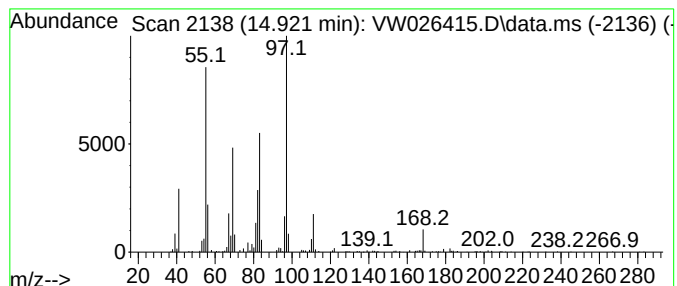
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 26 Sulfurous acid, butyl cyclo... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.921	7.84 ug/L	147694	1,4-Dichlorobenzene-d4	13.555

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, butyl cyclohexyl...	234	C11H22O3S	1000309-21-4	53
2			Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	52
3			Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	50
4			Cycloheptanemethanol	128	C8H16O	004448-75-3	50
5			Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026415.D
Acq On : 29 Jun 2023 00:00
Operator : SY/MD
Sample : 03458-19
Misc : 4.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N2

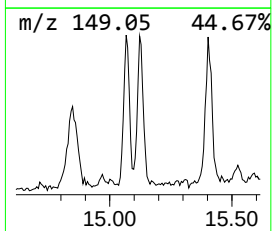
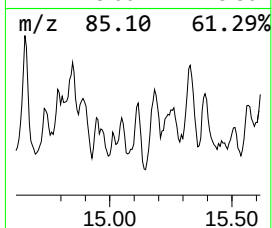
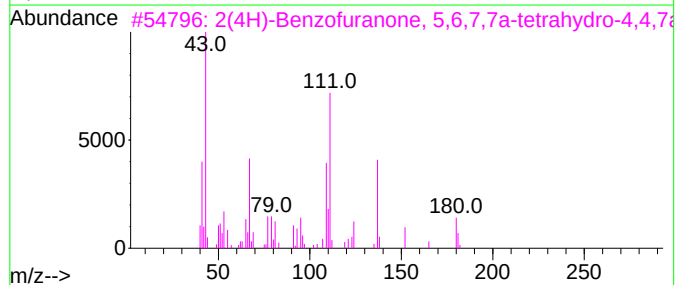
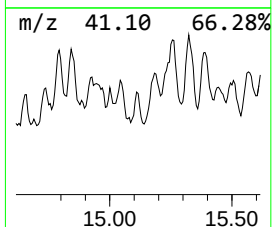
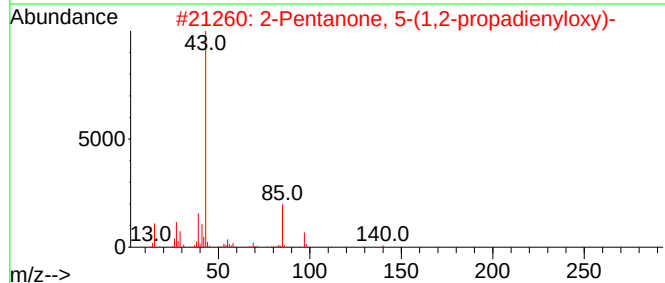
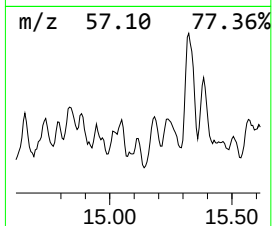
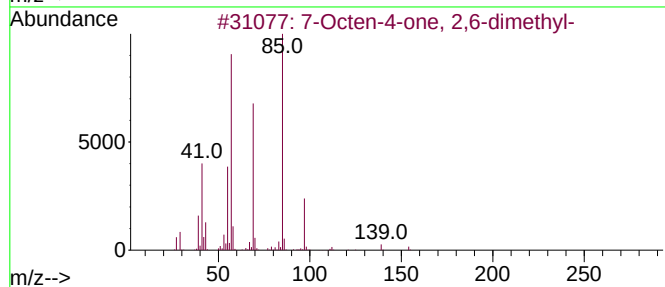
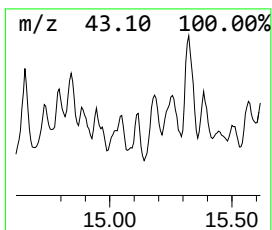
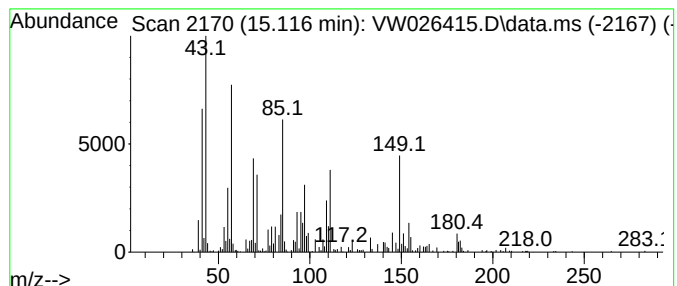
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 unknown-03 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.116	8.19 ug/L	154220	1,4-Dichlorobenzene-d4	13.555

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		7-Octen-4-one, 2,6-dimethyl-	154	C10H18O	001879-00-1	22
2		2-Pentanone, 5-(1,2-propadienyloxy)-	140	C8H12O2	055702-69-7	14
3		2(4H)-Benzofuranone, 5,6,7,7a-tetrahydro-	180	C11H16O2	017092-92-1	11
4		Heptane, 2,4,6-trimethyl-	142	C10H22	002613-61-8	11
5		Butane, 2,2,3-trimethyl-	100	C7H16	000464-06-2	10



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026415.D
Acq On : 29 Jun 2023 00:00
Operator : SY/MD
Sample : 03458-19
Misc : 4.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N2

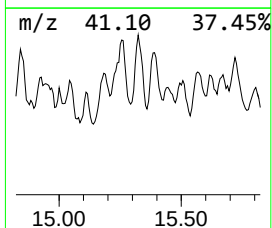
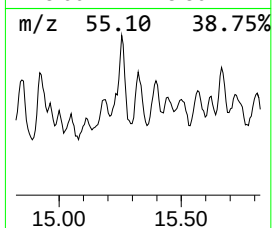
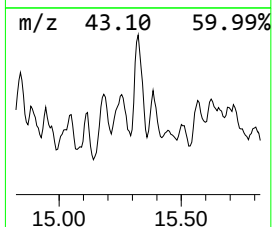
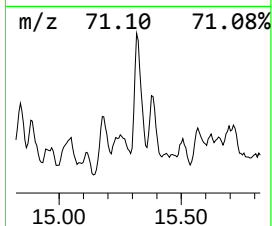
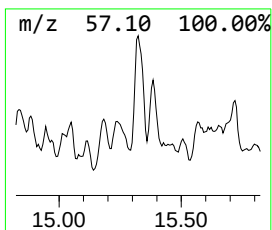
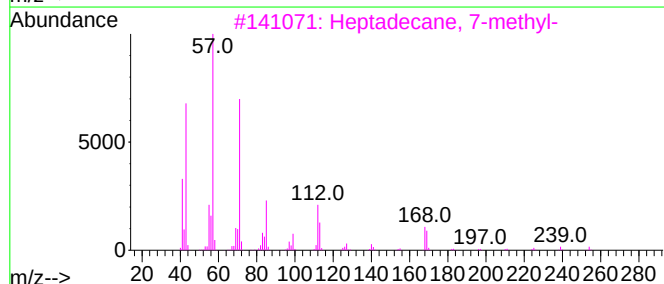
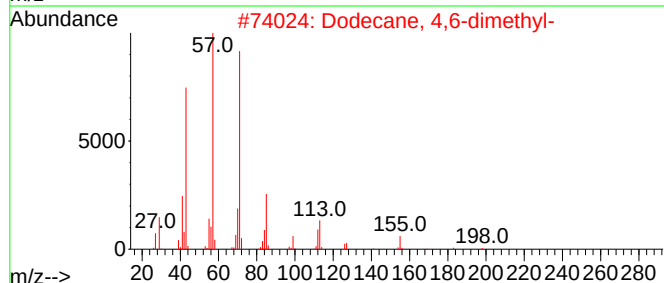
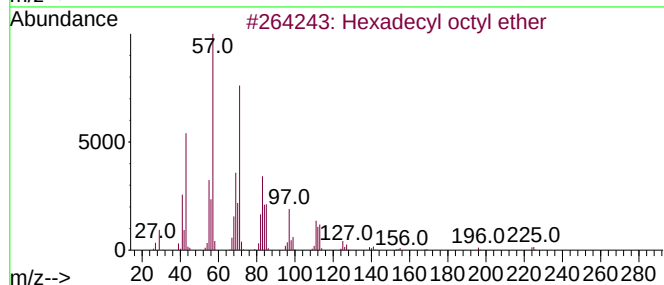
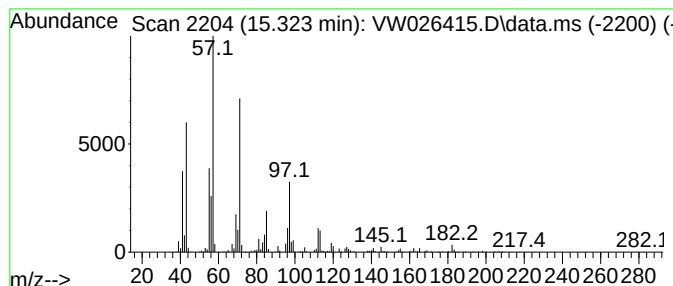
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 Hexadecyl octyl ether Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.323	42.20 ug/L	794670	1,4-Dichlorobenzene-d4	13.555

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecyl octyl ether	354	C24H50O	1000406-38-6	64
2			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	60
3			Heptadecane, 7-methyl-	254	C18H38	020959-33-5	53
4			Carbonic acid, 2-ethylhexyl unde...	328	C20H40O3	1000383-13-8	50
5			Nonane, 3-methyl-	142	C10H22	005911-04-6	49



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026415.D
Acq On : 29 Jun 2023 00:00
Operator : SY/MD
Sample : 03458-19
Misc : 4.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N2

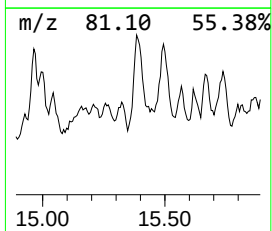
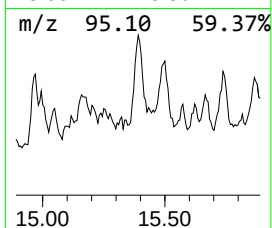
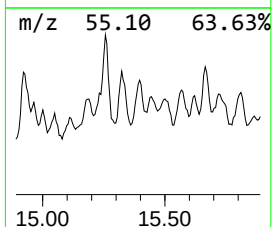
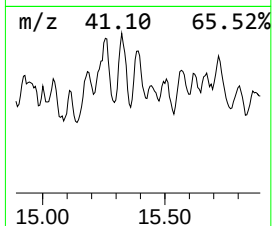
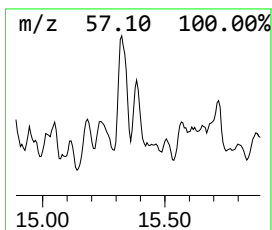
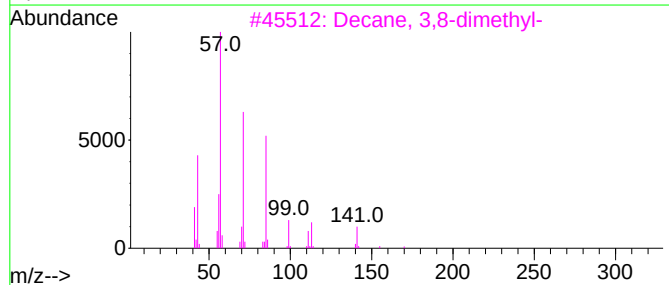
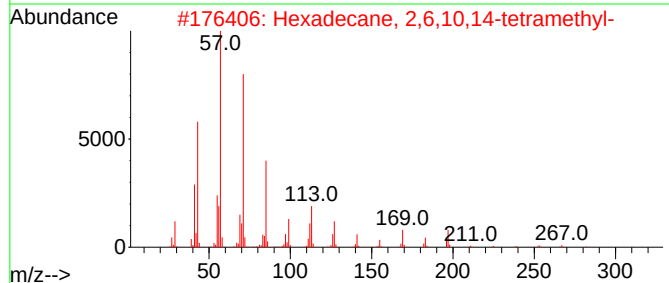
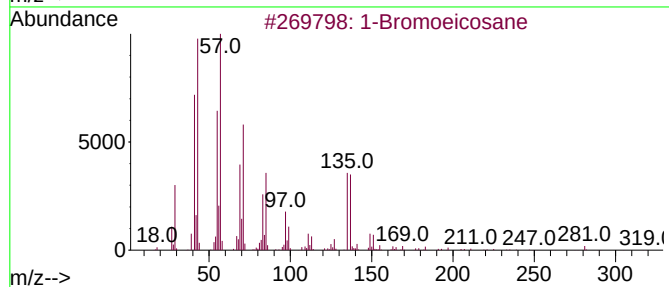
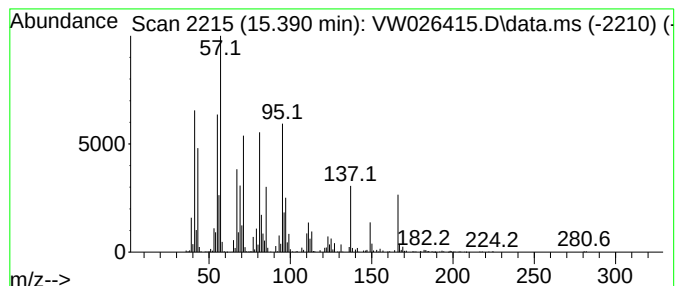
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 unknown-04 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.390	38.67 ug/L	728185	1,4-Dichlorobenzene-d4	13.555

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Bromoeicosane	360	C20H41Br	004276-49-7	38
2		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	35
3		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	35
4		Heptadecane, 1-bromo-	318	C17H35Br	003508-00-7	27
5		Hexacosyl isobutyl ether	438	C30H62O	1000406-33-3	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026415.D
Acq On : 29 Jun 2023 00:00
Operator : SY/MD
Sample : 03458-19
Misc : 4.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N2

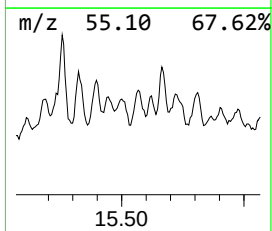
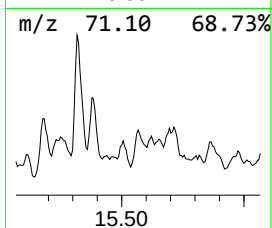
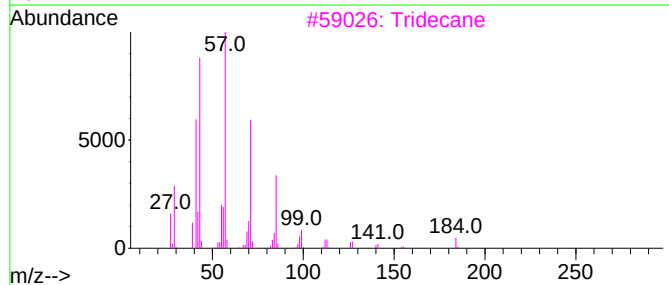
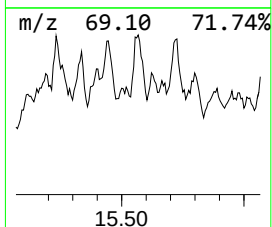
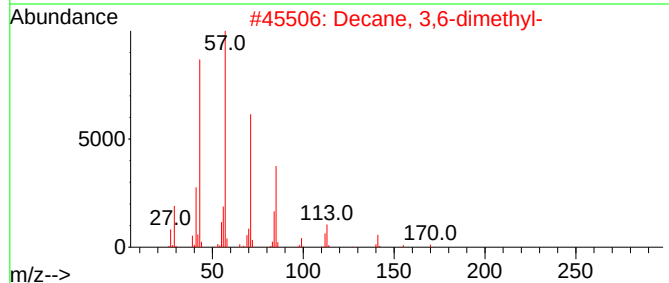
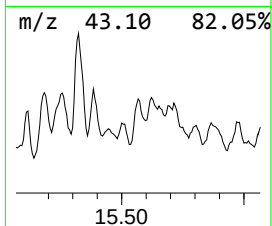
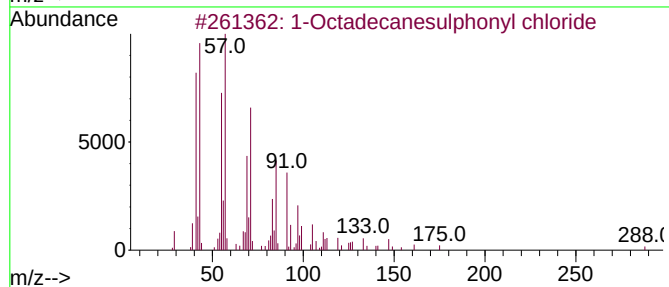
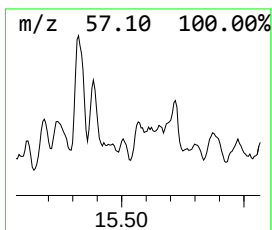
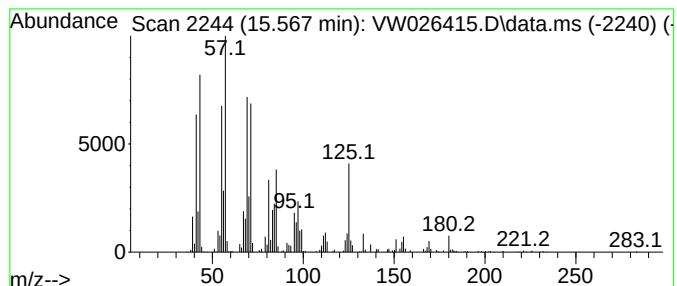
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 1-Octadecanesulphonyl chloride Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.567	23.59 ug/L	444148	1,4-Dichlorobenzene-d4	13.555

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	52
2		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	46
3		Tridecane	184	C13H28	000629-50-5	46
4		Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	43
5		Decane, 1-bromo-2-methyl-	234	C11H23Br	127839-47-8	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
Data File : VW026415.D
Acq On : 29 Jun 2023 00:00
Operator : SY/MD
Sample : 03458-19
Misc : 4.76g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
A46N2

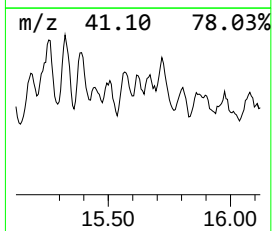
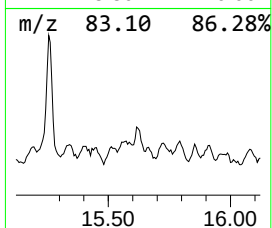
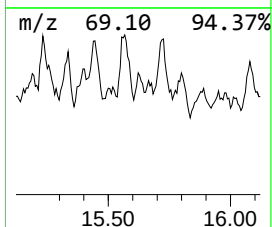
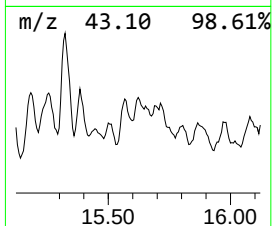
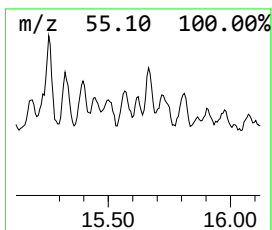
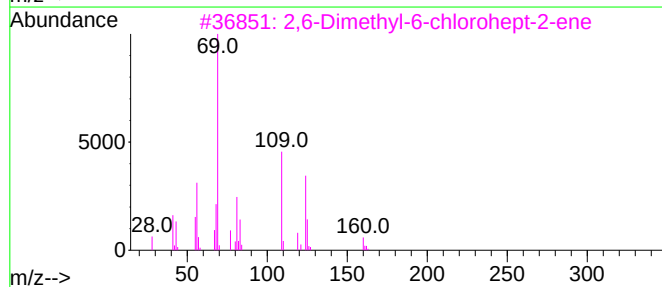
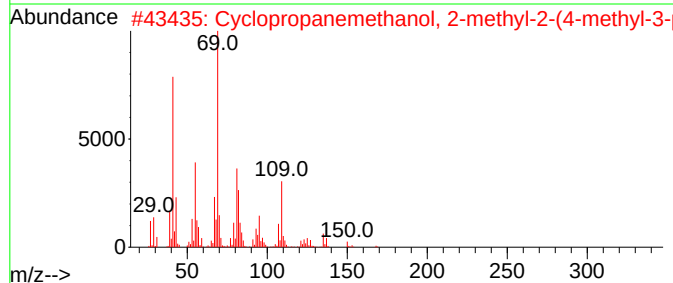
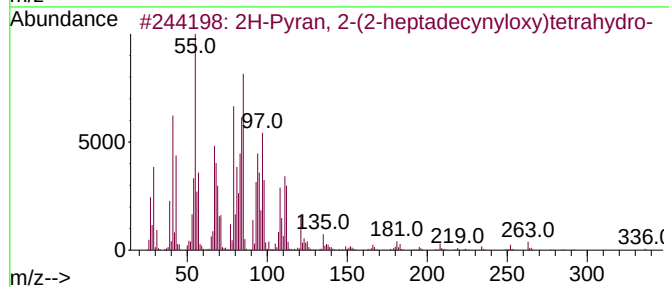
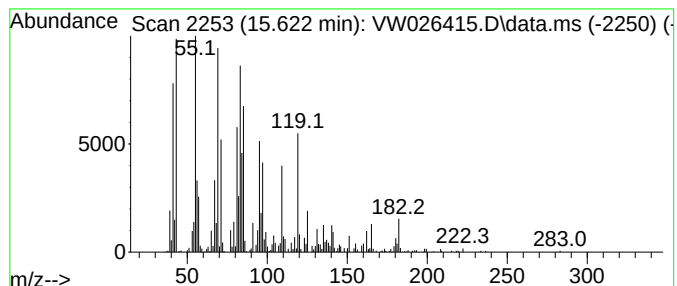
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
Quant Title : SFAM01.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 unknown-05 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.622	12.16 ug/L	228938	1,4-Dichlorobenzene-d4	13.555

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2H-Pyran, 2-(2-heptadecyloxy)t...	336	C22H40O2	069502-96-1	22
2			Cyclopropanemethanol, 2-methyl-2...	168	C11H20O	098678-70-7	20
3			2,6-Dimethyl-6-chlorohept-2-ene	160	C9H17Cl	006076-48-8	14
4			4H-Pyran-4-one, 2-methoxy-6-methyl-	140	C7H8O3	004225-42-7	11
5			Bicyclo[2.2.1]heptane, 2,2,3-tri...	138	C10H18	000473-19-8	11



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
 Data File : VW026415.D
 Acq On : 29 Jun 2023 00:00
 Operator : SY/MD
 Sample : 03458-19
 Misc : 4.76g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46N2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
 Quant Title : SFAM01.0

TIC Library : C:\Database\NIST0.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: C...	12.135	5.0	ug/L	164680	2	11.635	831779	25.0
(DEL) Alkane: S...	12.251	4.2	ug/L	139891	2	11.635	831779	25.0
(DEL) Alkane: S...	12.360	10.7	ug/L	357139	2	11.635	831779	25.0
unknown-01	12.604	7.5	ug/L	140264	3	13.555	470742	25.0
(DEL) Alkane: S...	12.775	10.8	ug/L	204102	3	13.555	470742	25.0
(DEL) Alkane: C...	12.860	10.2	ug/L	191316	3	13.555	470742	25.0
1,1'-Biphenyl, ...	12.946	49.6	ug/L	933686	3	13.555	470742	25.0
(DEL) Alkane: S...	13.287	16.9	ug/L	318699	3	13.555	470742	25.0
(DEL) Alkane: S...	13.342	7.0	ug/L	132453	3	13.555	470742	25.0
(DEL) Alkane: S...	13.409	7.5	ug/L	141158	3	13.555	470742	25.0
(DEL) Alkane: C...	13.440	8.2	ug/L	154128	3	13.555	470742	25.0
unknown-02	13.476	7.6	ug/L	142490	3	13.555	470742	25.0
(DEL) Alkane: C...	13.696	12.1	ug/L	228562	3	13.555	470742	25.0
Sulfurous acid,...	13.915	11.8	ug/L	222937	3	13.555	470742	25.0
(DEL) Alkane: C...	13.976	14.9	ug/L	280667	3	13.555	470742	25.0
(DEL) Alkane: S...	14.189	11.3	ug/L	213086	3	13.555	470742	25.0
Sulfurous acid,...	14.256	23.9	ug/L	450783	3	13.555	470742	25.0
(DEL) Alkane: S...	14.311	8.8	ug/L	165759	3	13.555	470742	25.0
Naphthalene, de...	14.378	54.6	ug/L	1028820	3	13.555	470742	25.0
trans-Decalin, ...	14.543	20.7	ug/L	390136	3	13.555	470742	25.0
Oxalic acid, bu...	14.653	10.9	ug/L	206111	3	13.555	470742	25.0
(DEL) Alkane: C...	14.732	18.5	ug/L	347717	3	13.555	470742	25.0
(DEL) Alkane: C...	14.793	34.5	ug/L	650237	3	13.555	470742	25.0
1,1'-Biphenyl, ...	14.848	204.1	ug/L	3843150	3	13.555	470742	25.0
Sulfurous acid,...	14.921	7.8	ug/L	147694	3	13.555	470742	25.0
unknown-03	15.116	8.2	ug/L	154220	3	13.555	470742	25.0
Hexadecyl octyl...	15.323	42.2	ug/L	794670	3	13.555	470742	25.0
unknown-04	15.390	38.7	ug/L	728185	3	13.555	470742	25.0
1-Octadecanesul...	15.567	23.6	ug/L	444148	3	13.555	470742	25.0
unknown-05	15.622	12.2	ug/L	228938	3	13.555	470742	25.0